

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

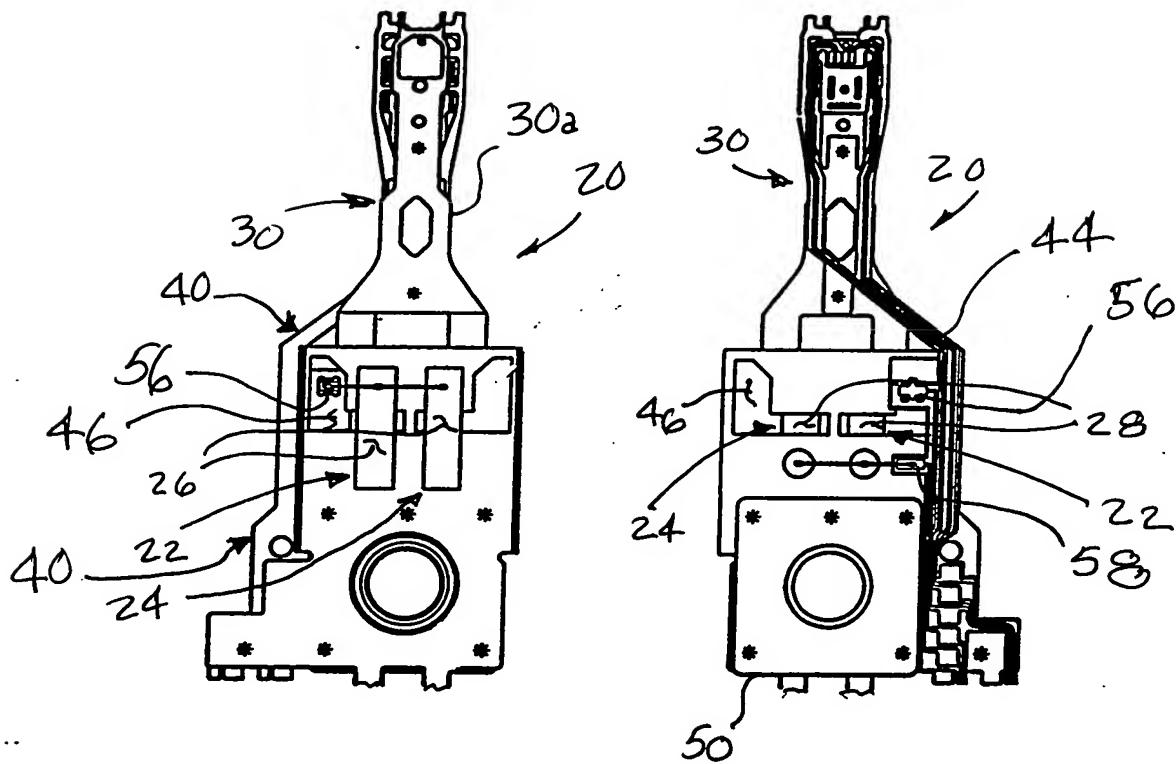


FIGURE 1

FIGURE 2

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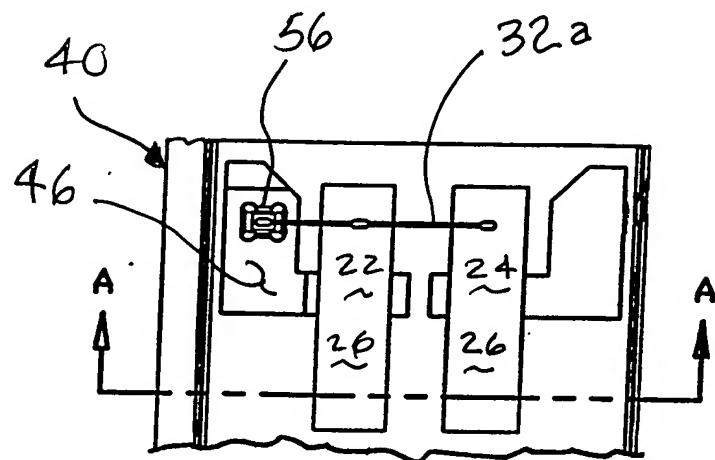


FIGURE 3

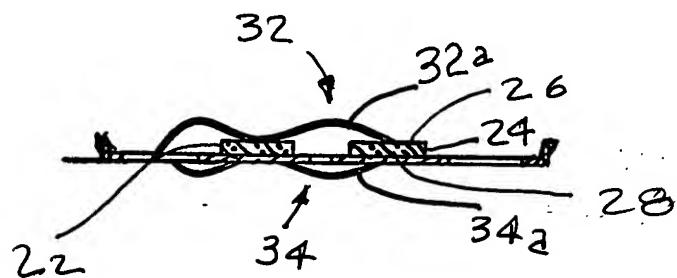


FIGURE 4

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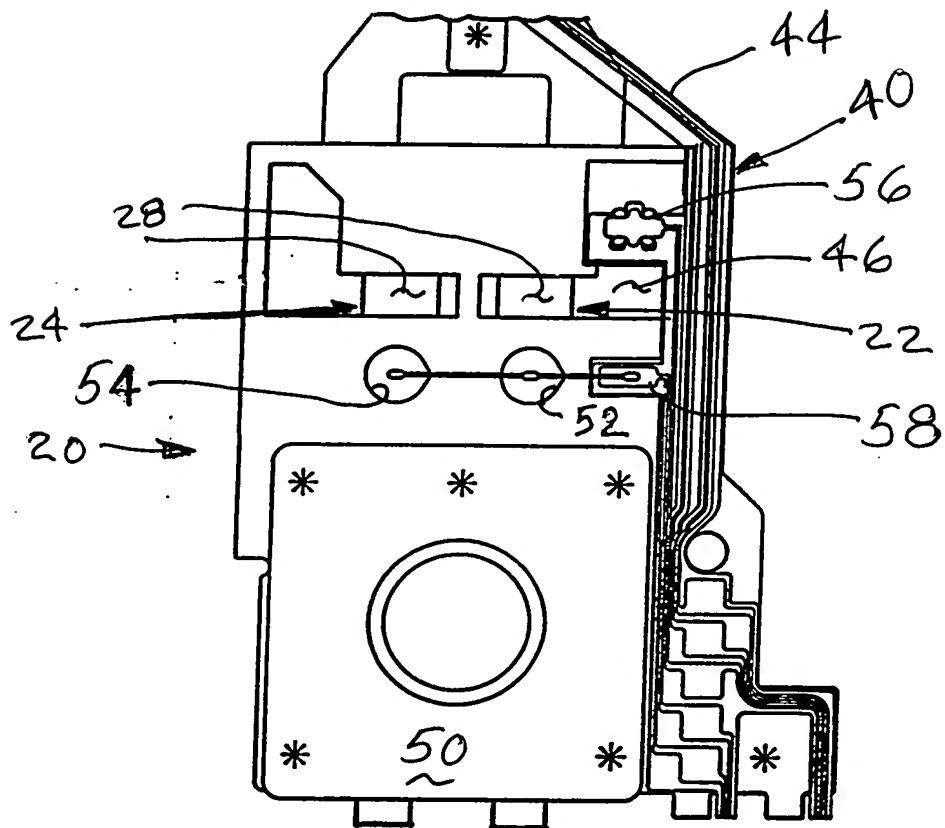


FIGURE 3a

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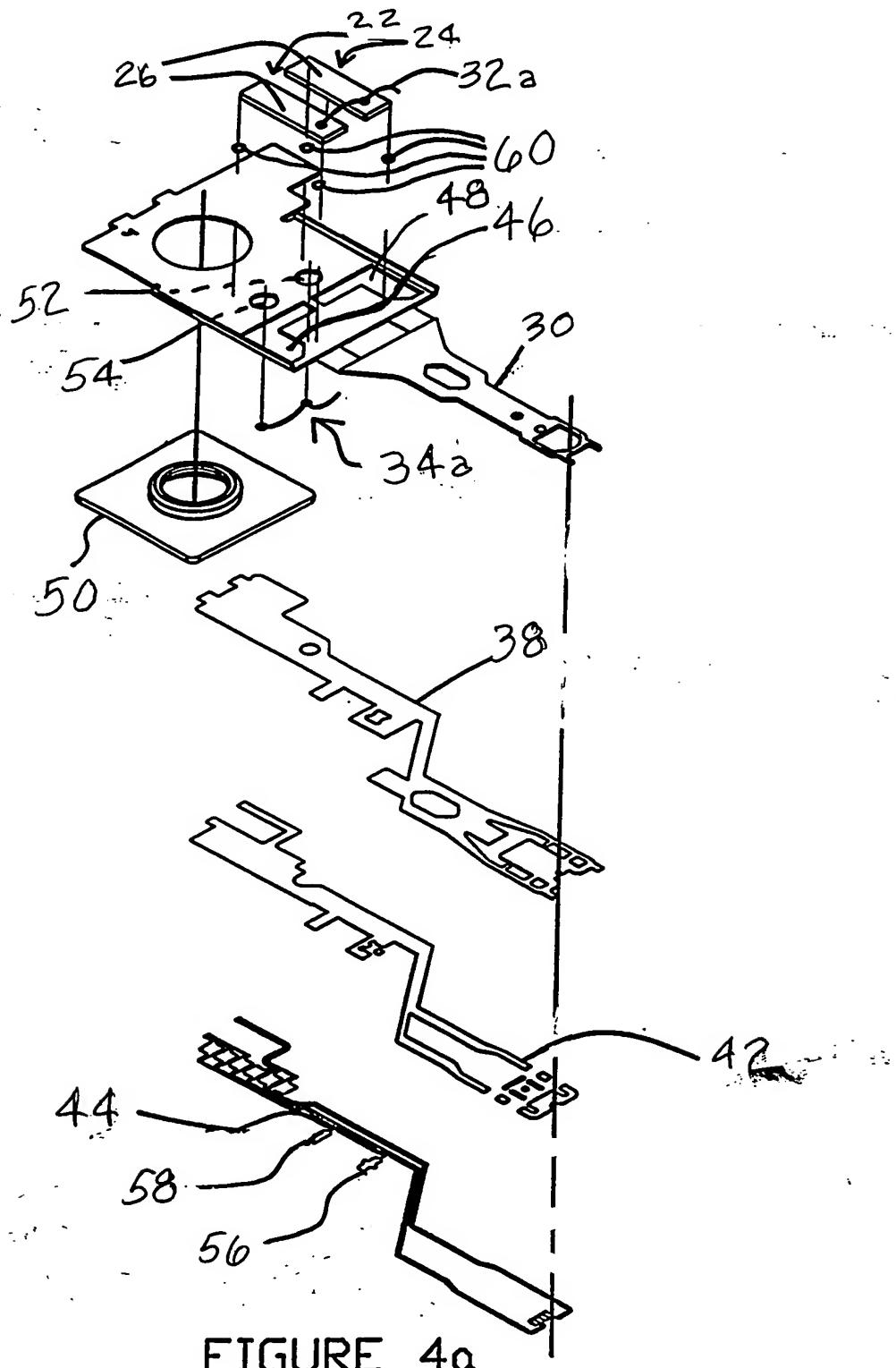


FIGURE 4a

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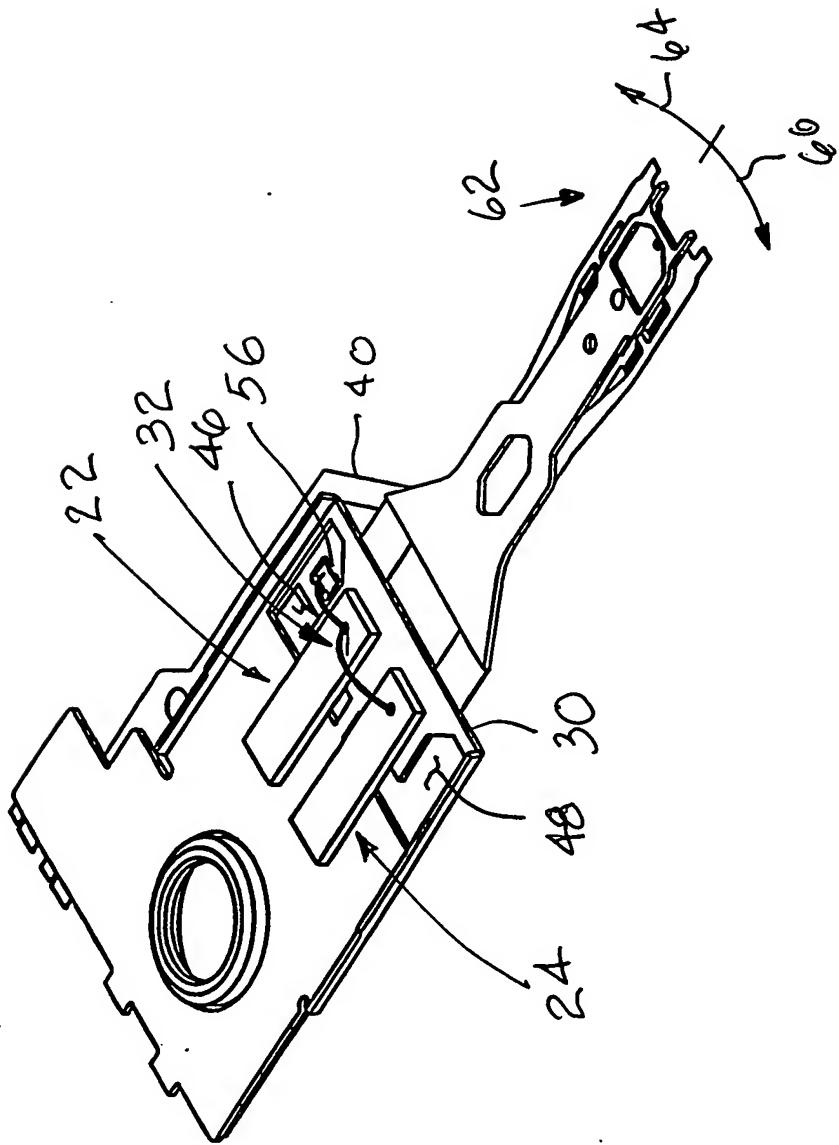


FIGURE 4b

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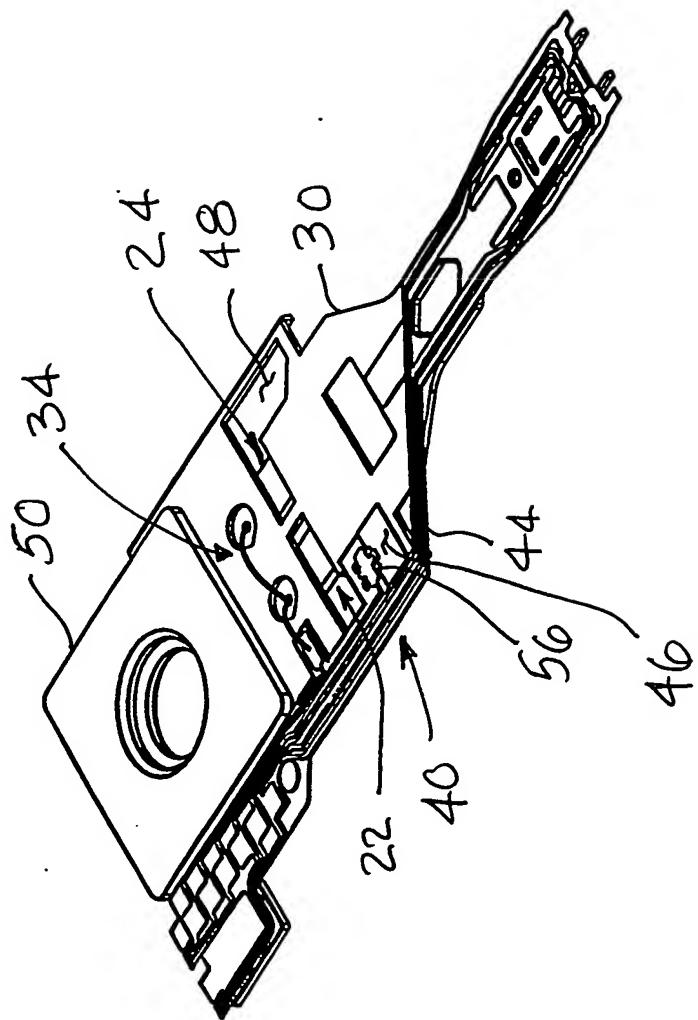


FIGURE 4c

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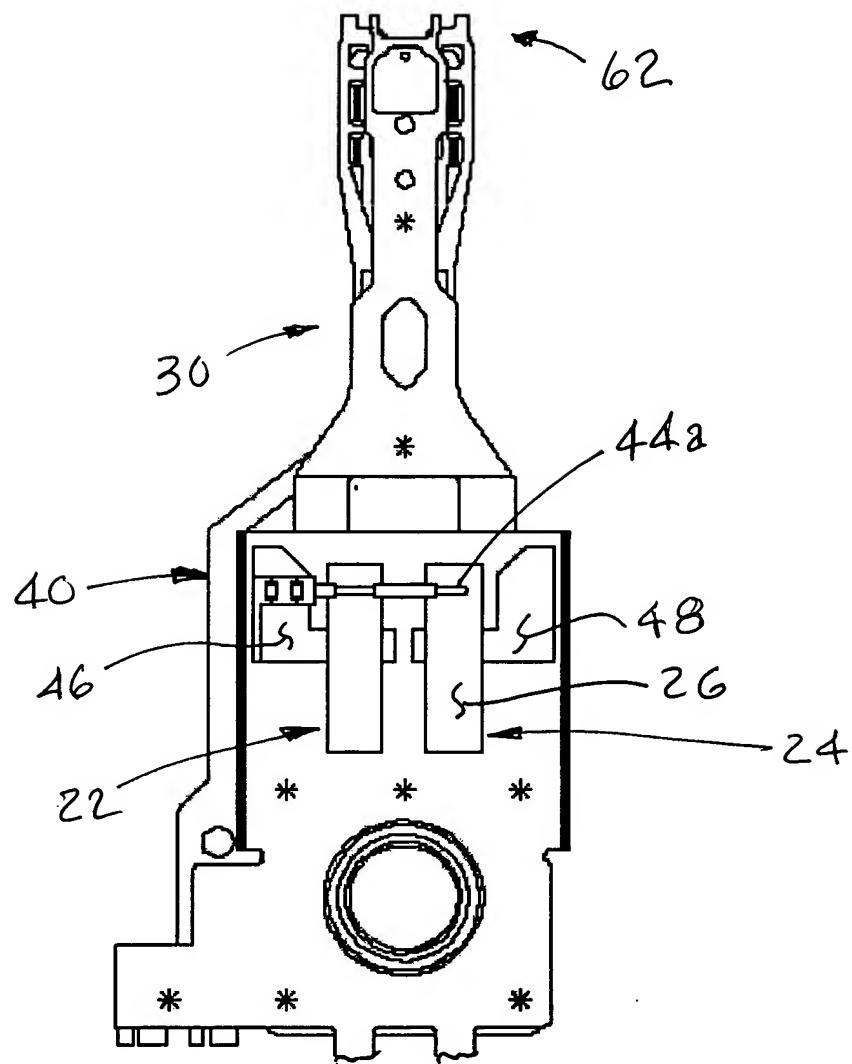


FIGURE 4d

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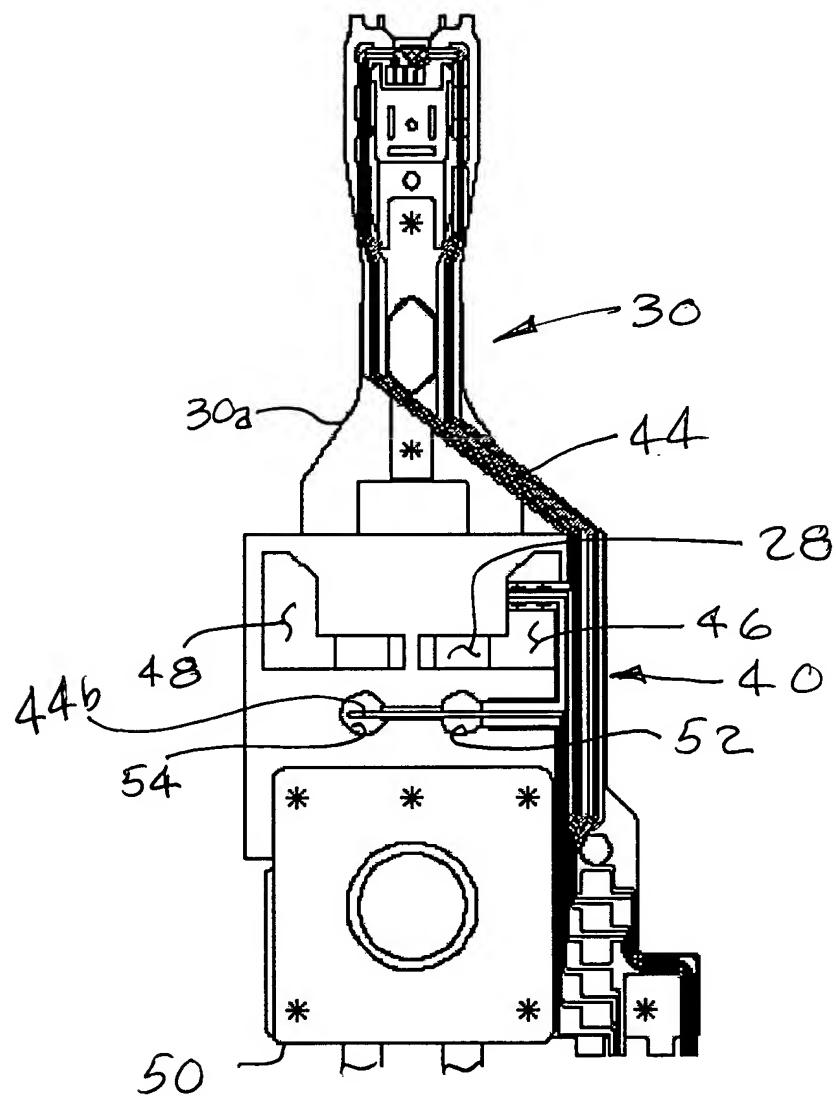


FIGURE 4e

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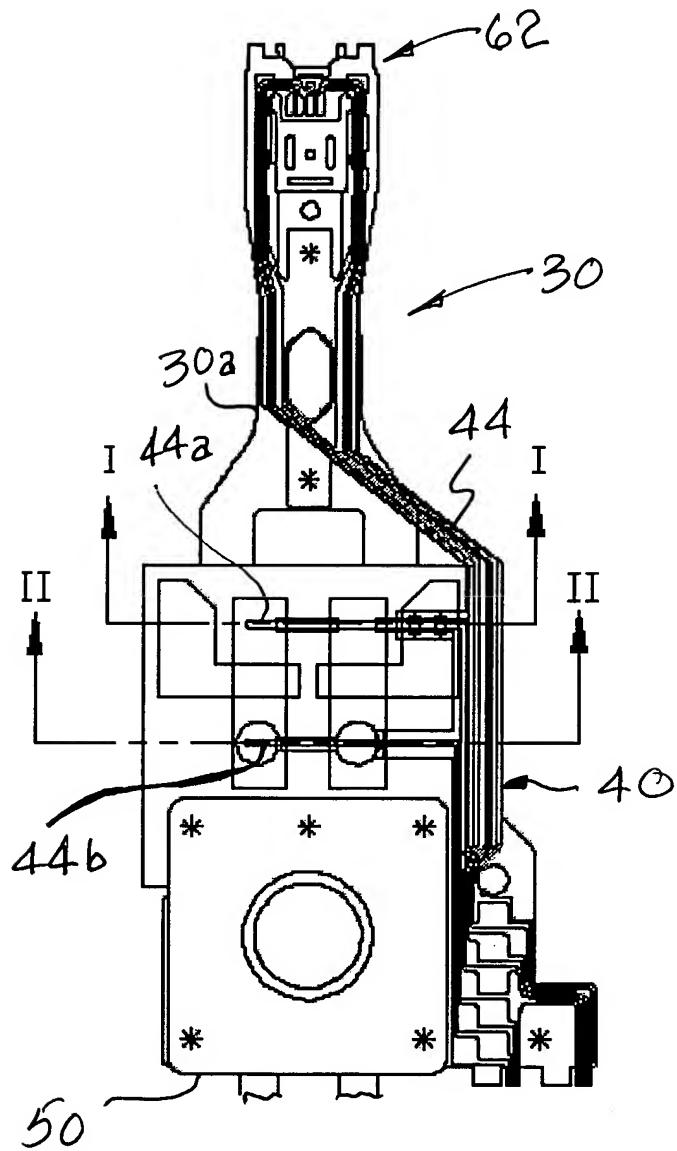


FIGURE 4f

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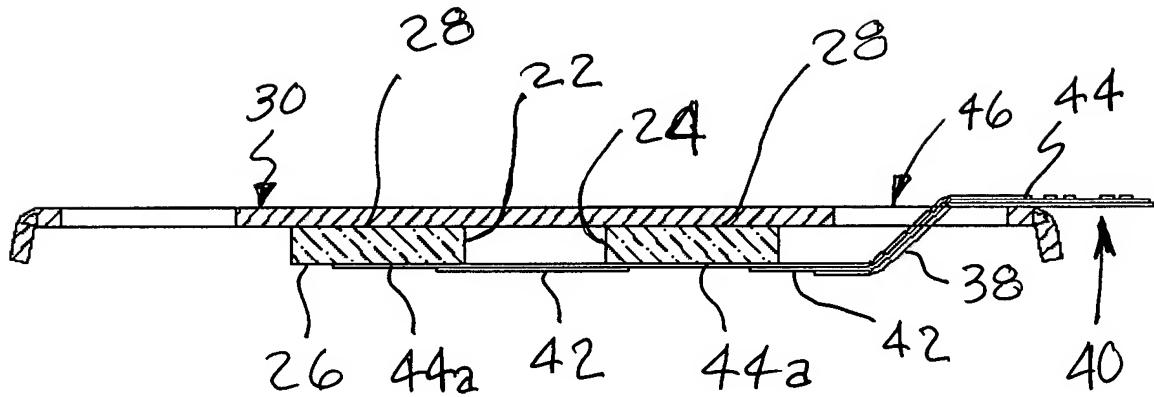


FIGURE 4g

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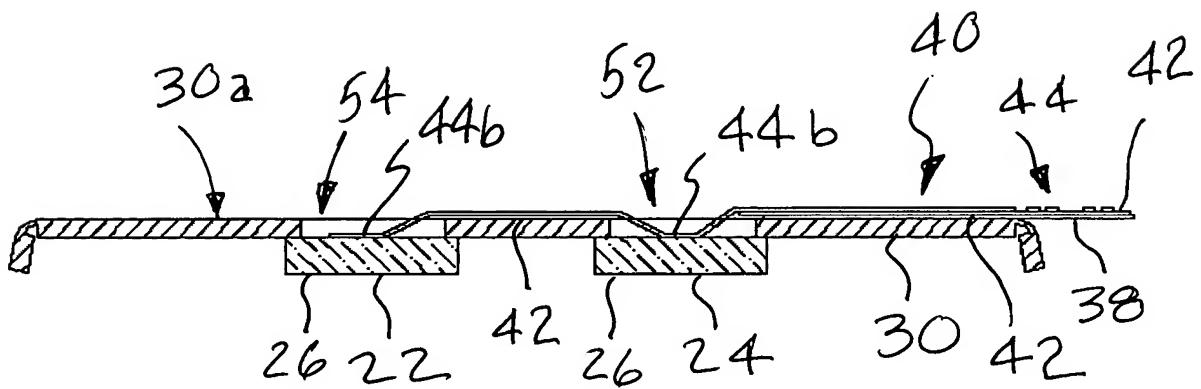


FIGURE 4h

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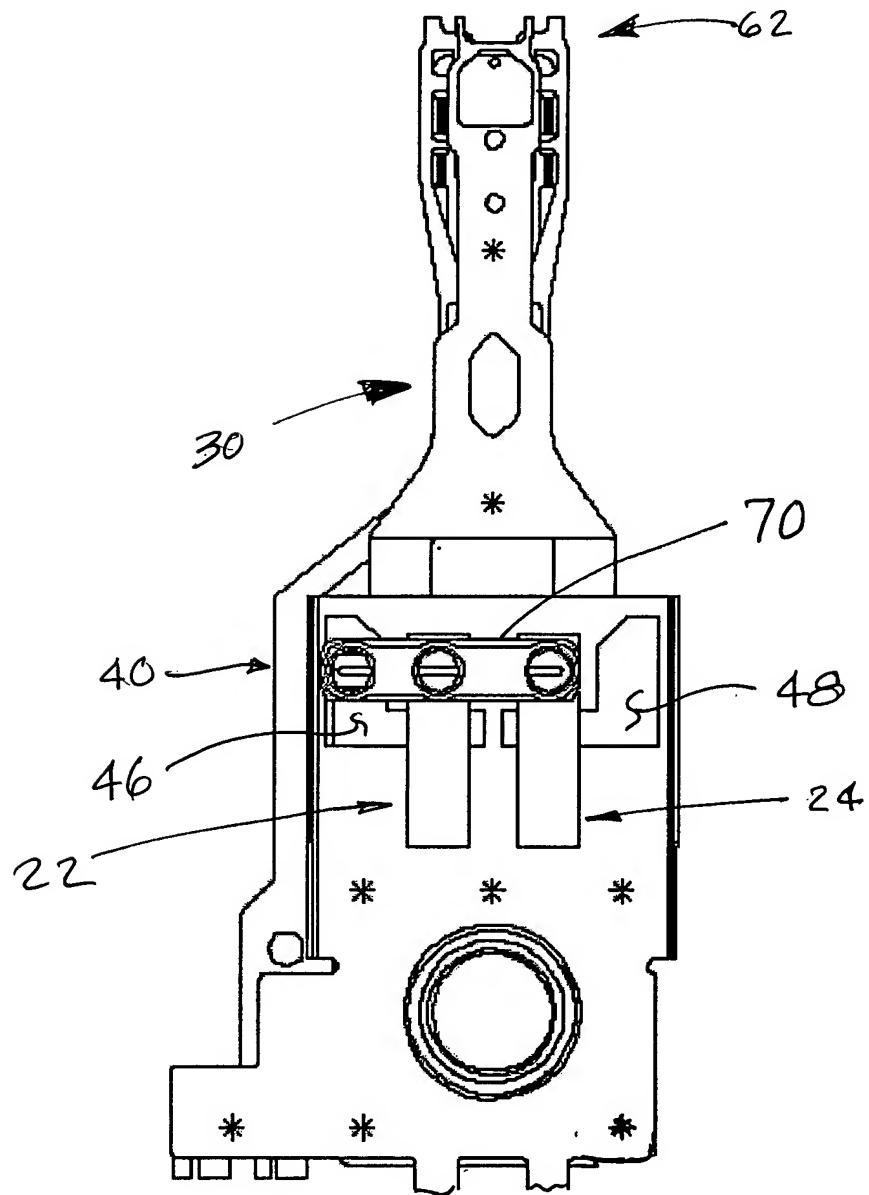


FIGURE 4i

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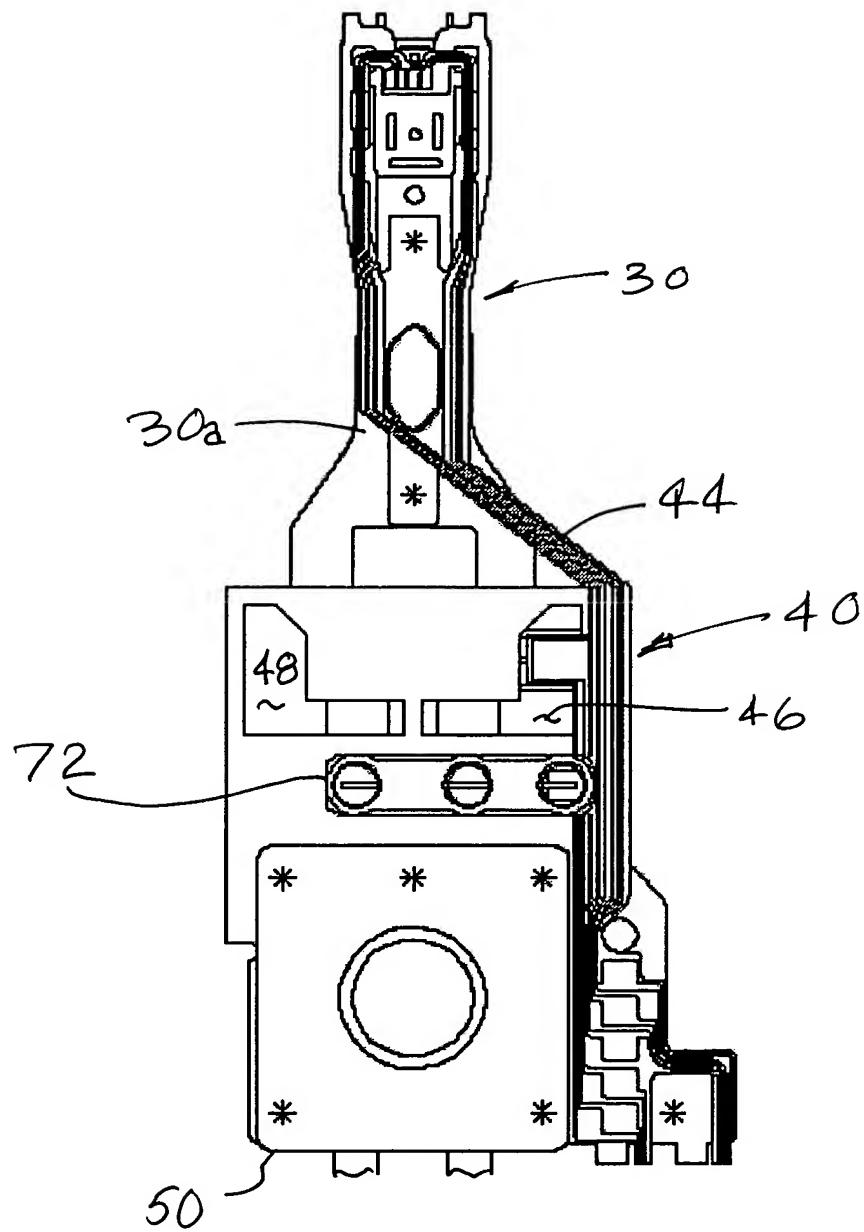


FIGURE 4j

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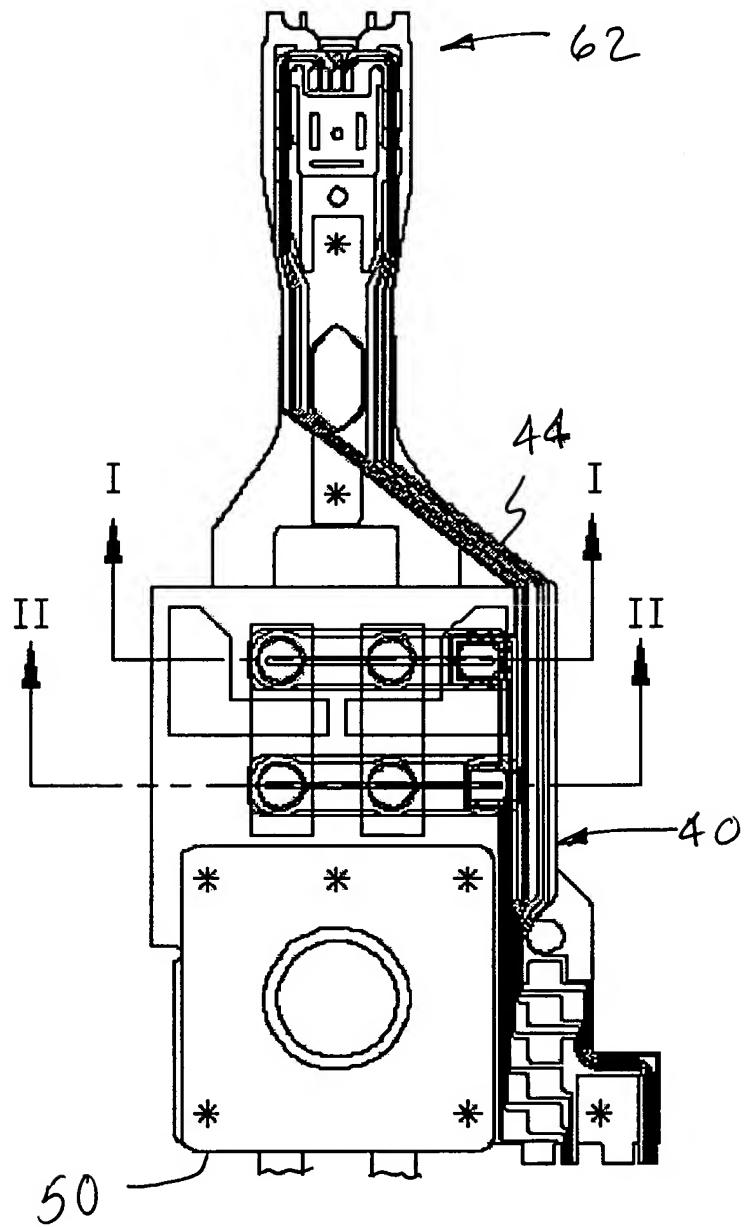


FIGURE 4k

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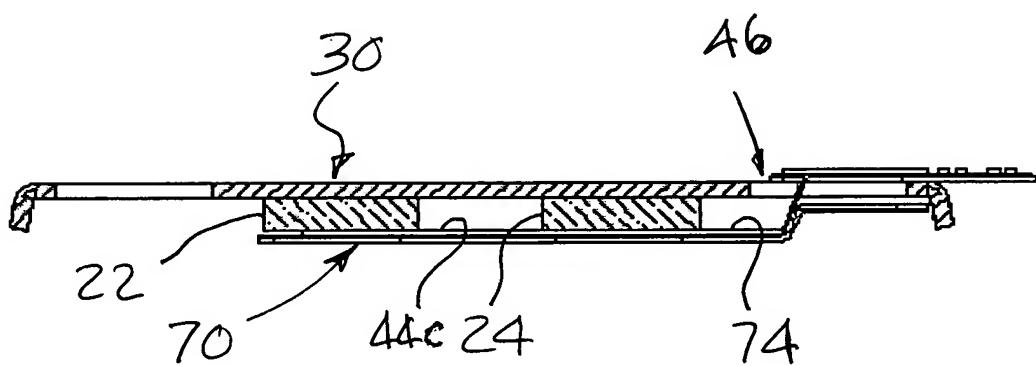


FIGURE 4I

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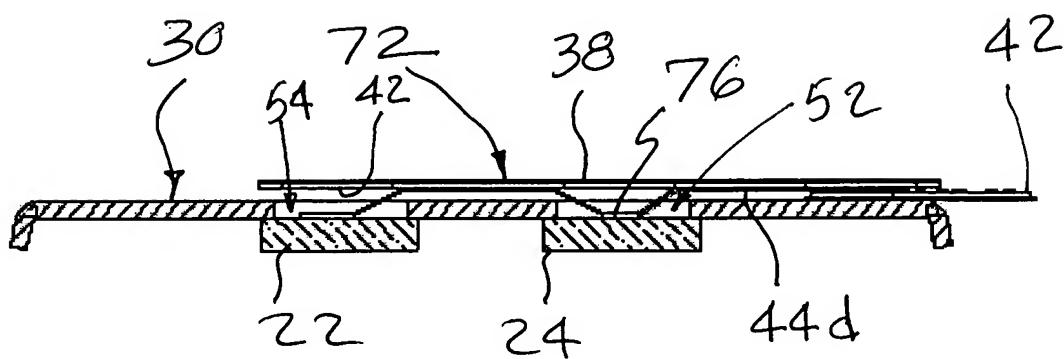


FIGURE 4m

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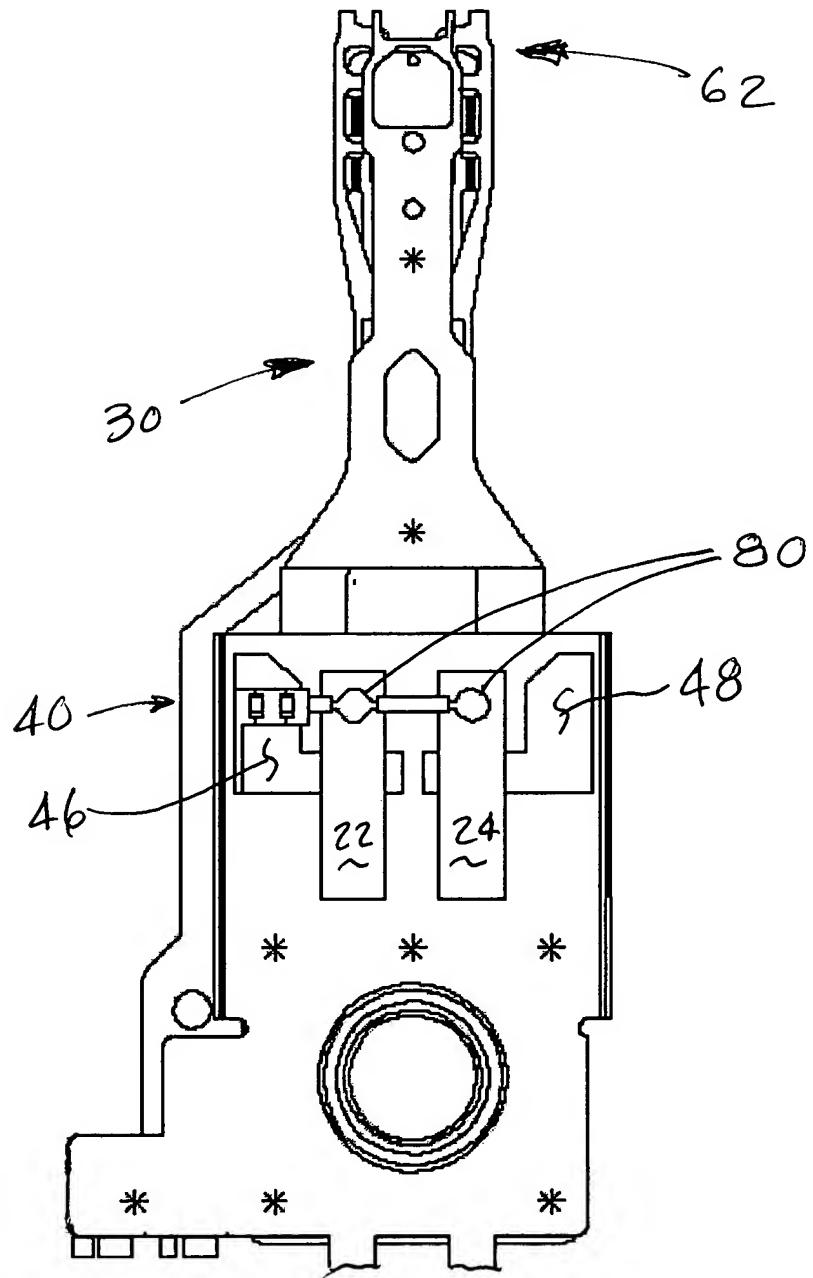


FIGURE 4n

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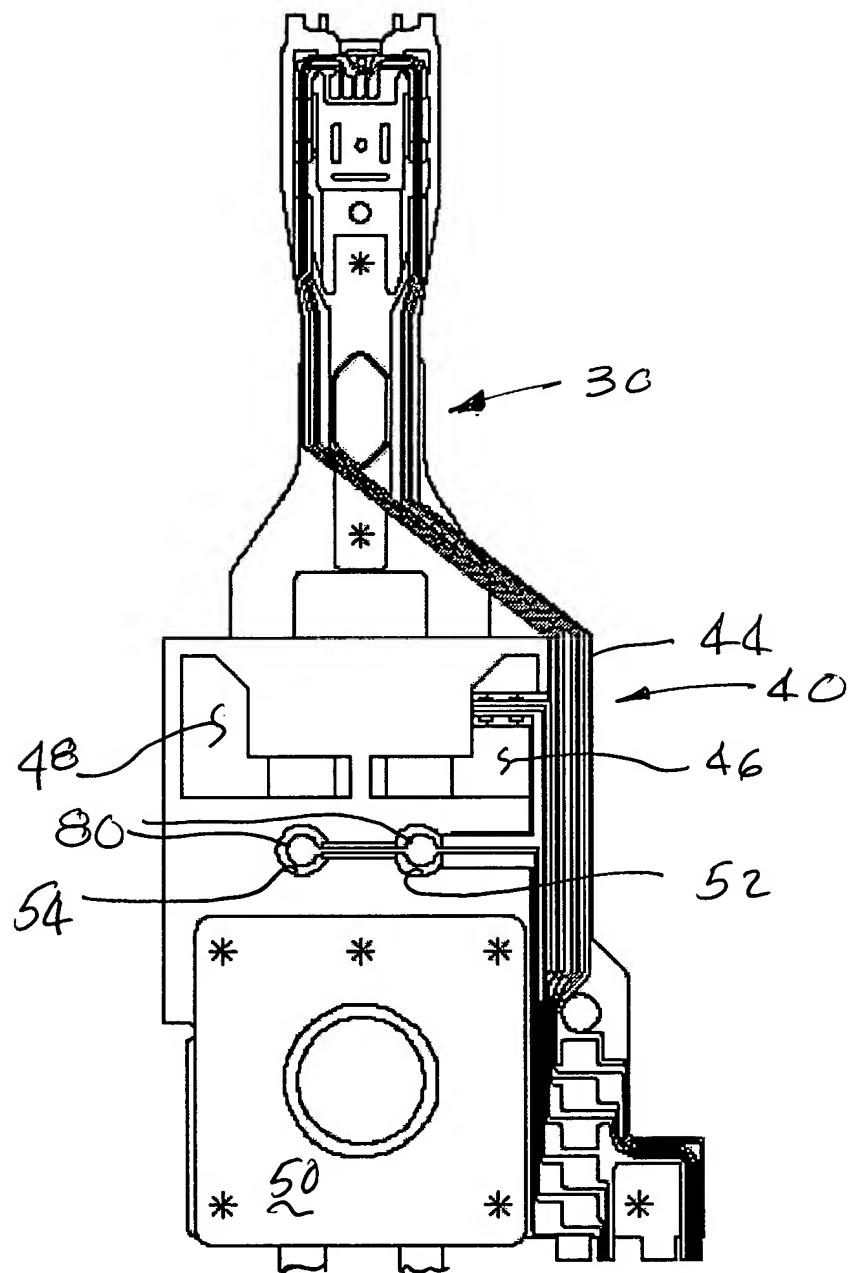


FIGURE 4o

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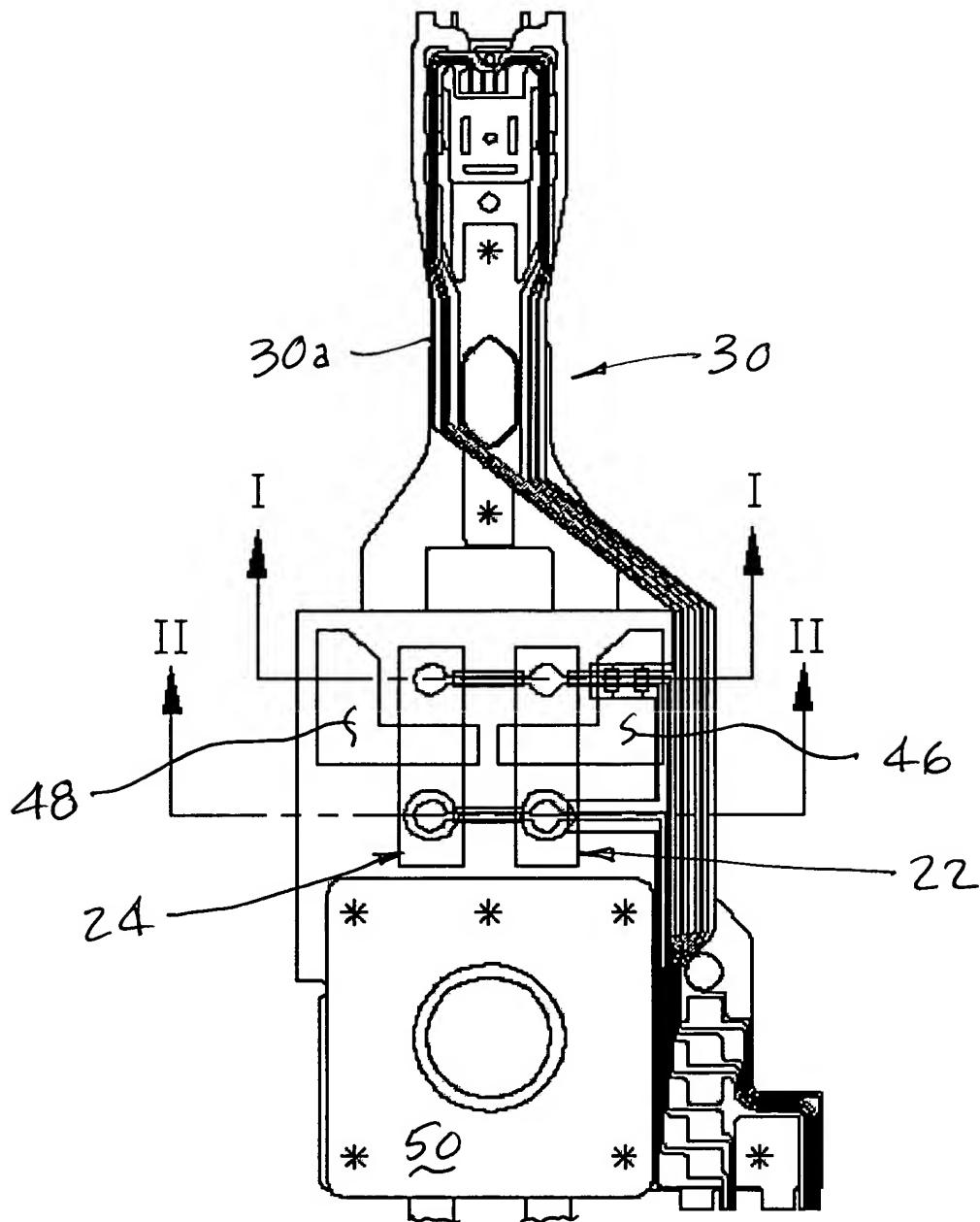


FIGURE 4p

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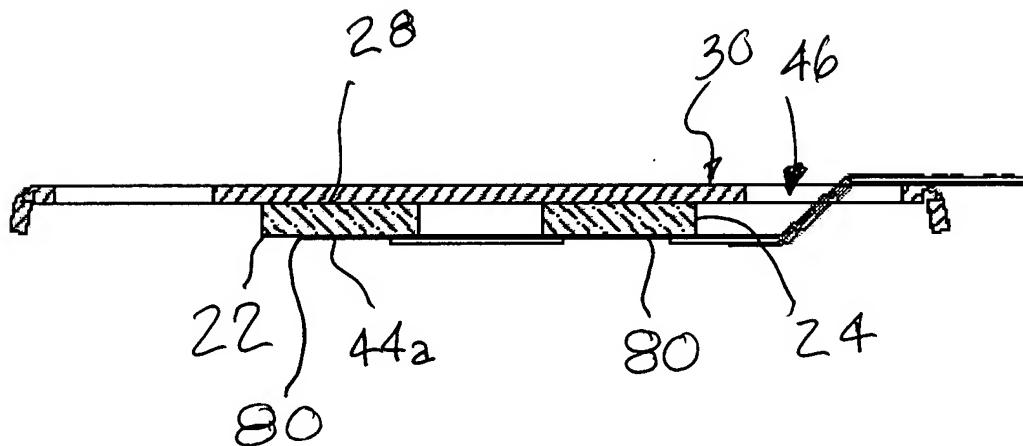


FIGURE 4q

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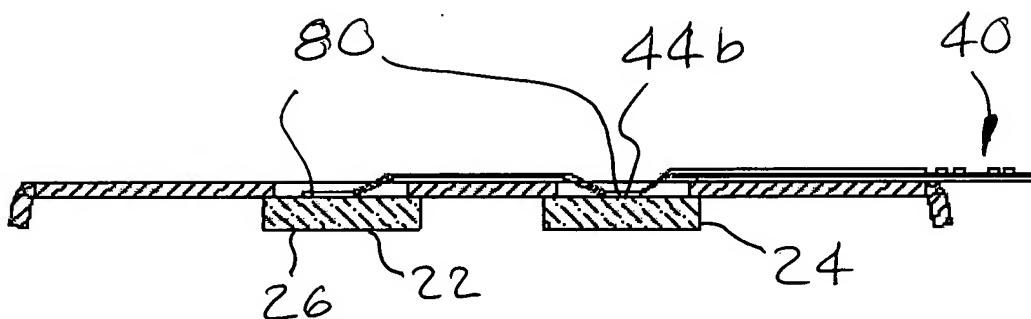


FIGURE 4r

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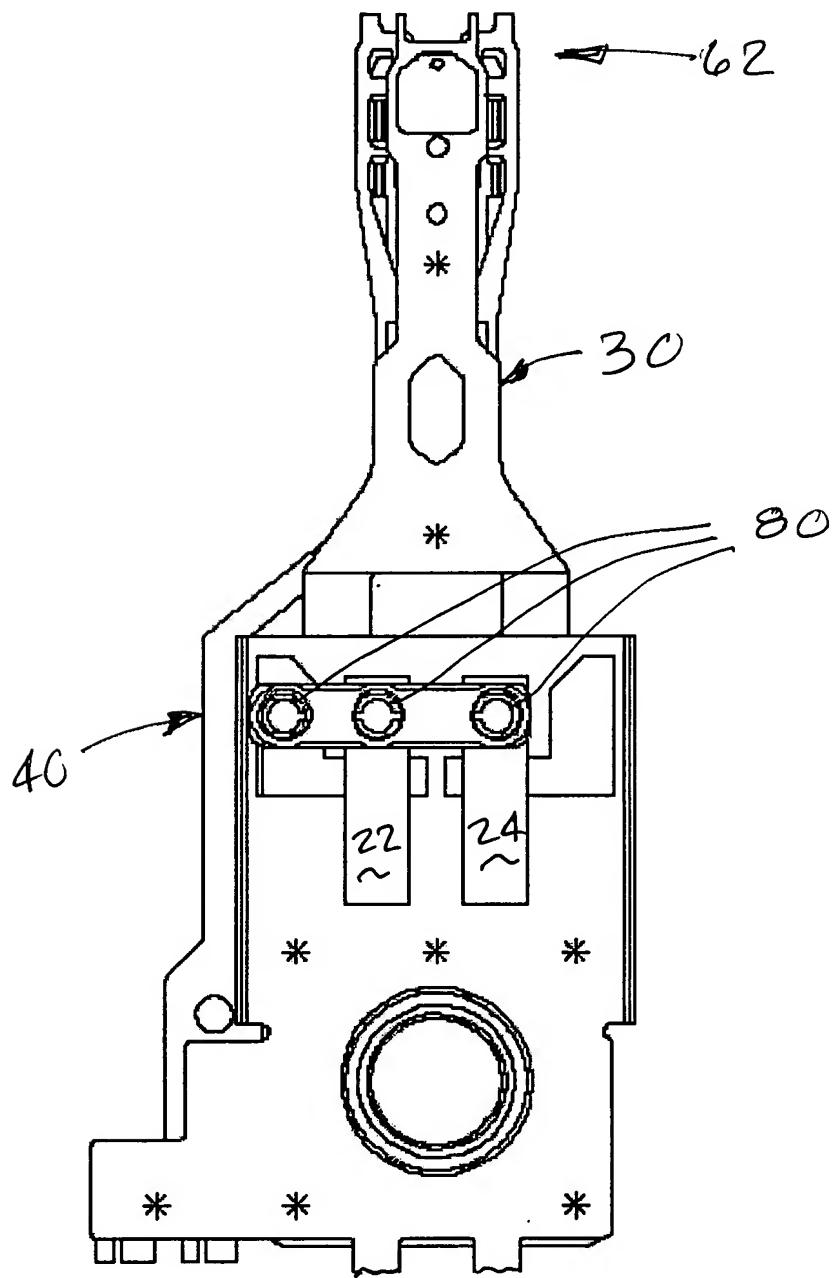


FIGURE 4s

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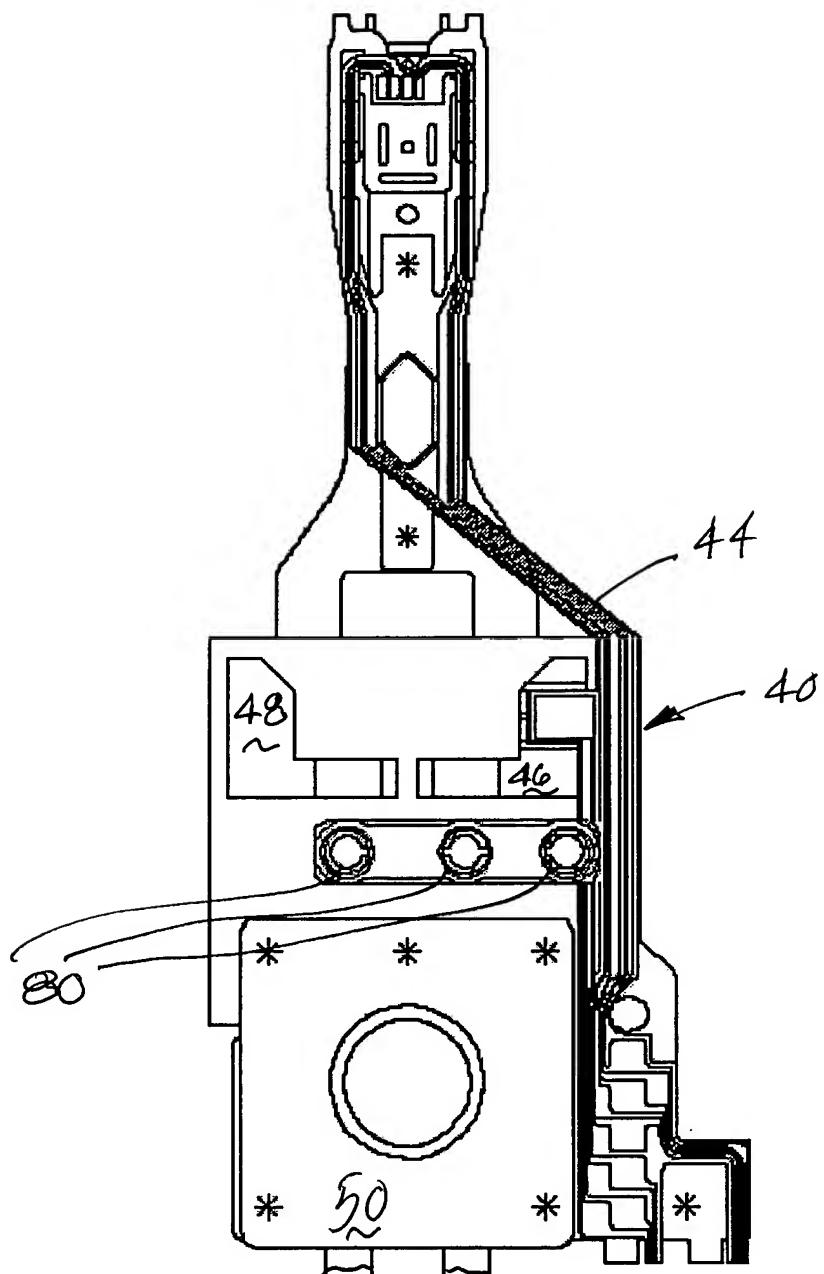


FIGURE 4t

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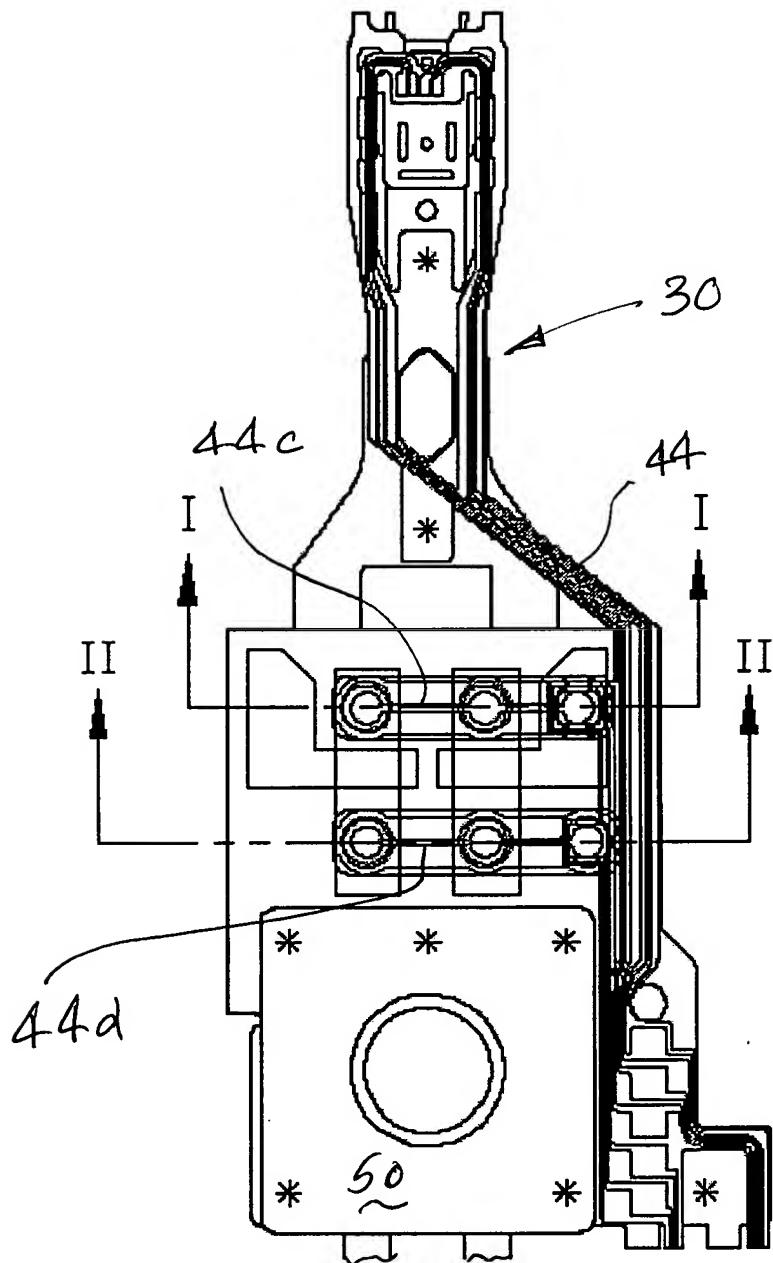


FIGURE 4u

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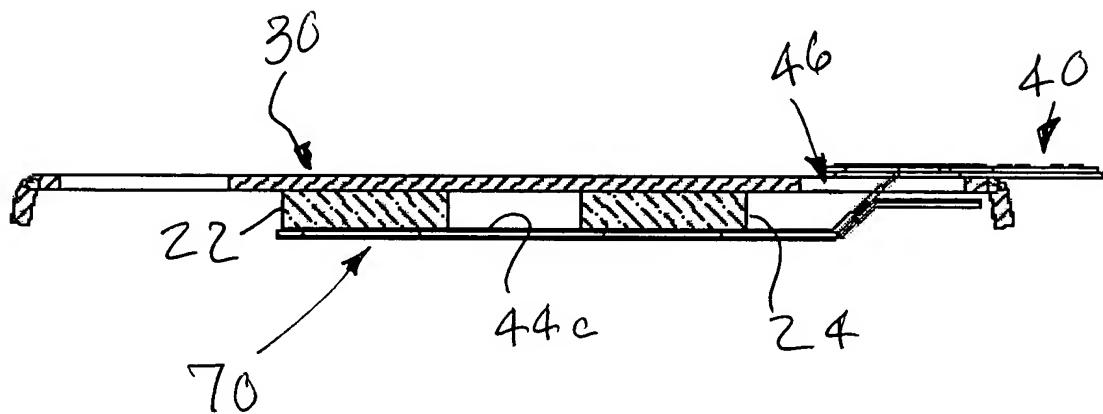


FIGURE 4v

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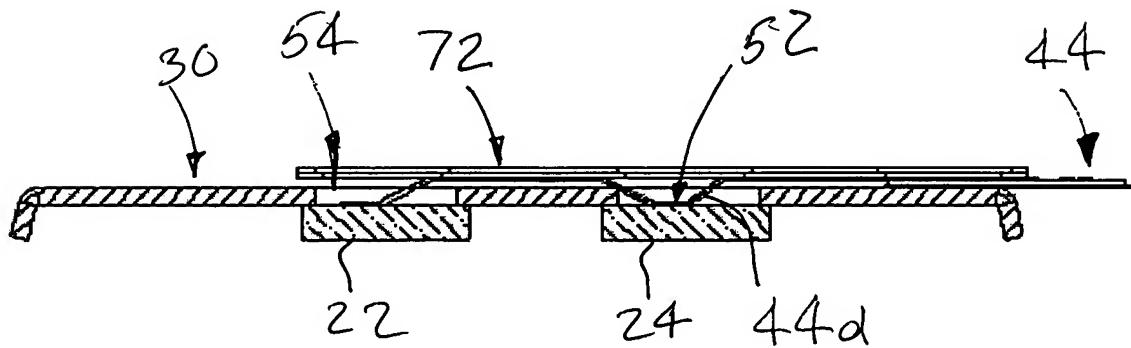


FIGURE 4w

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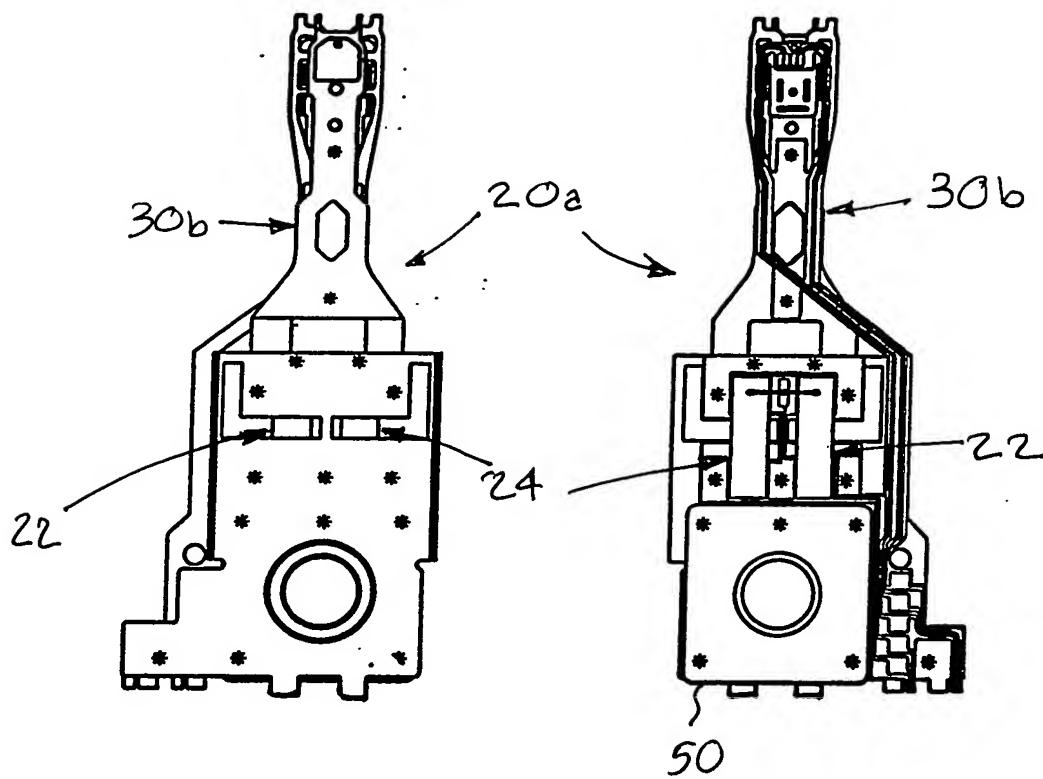


FIGURE 5

FIGURE 6

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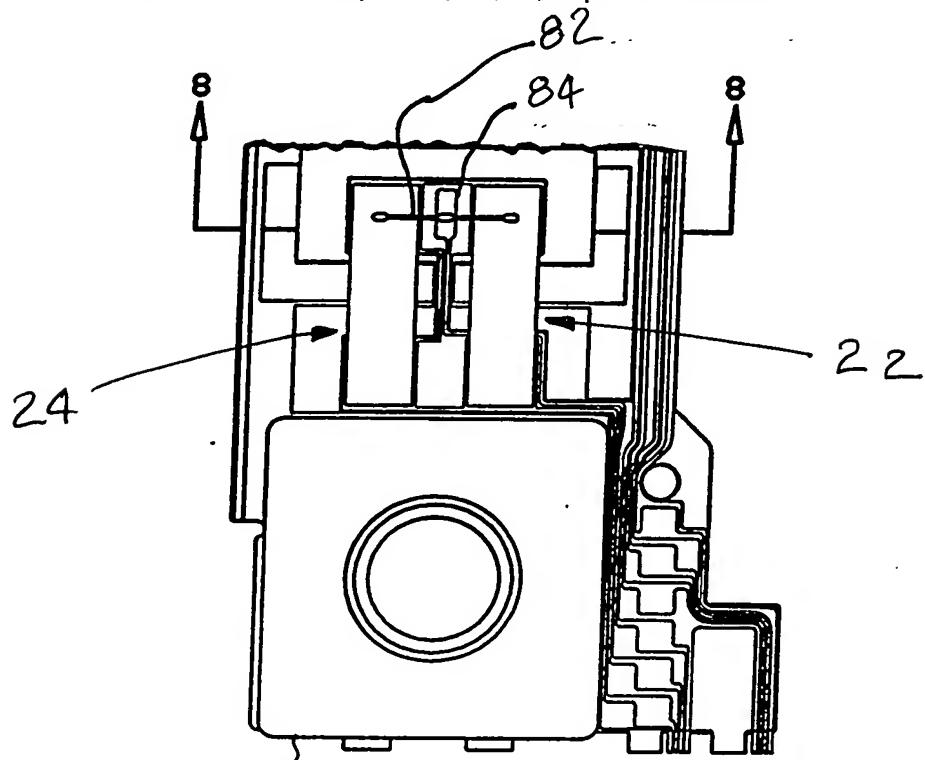


FIGURE 7

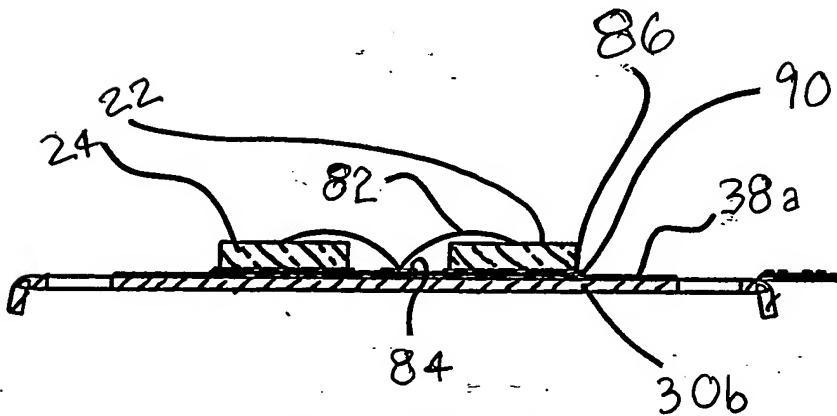


FIGURE 8

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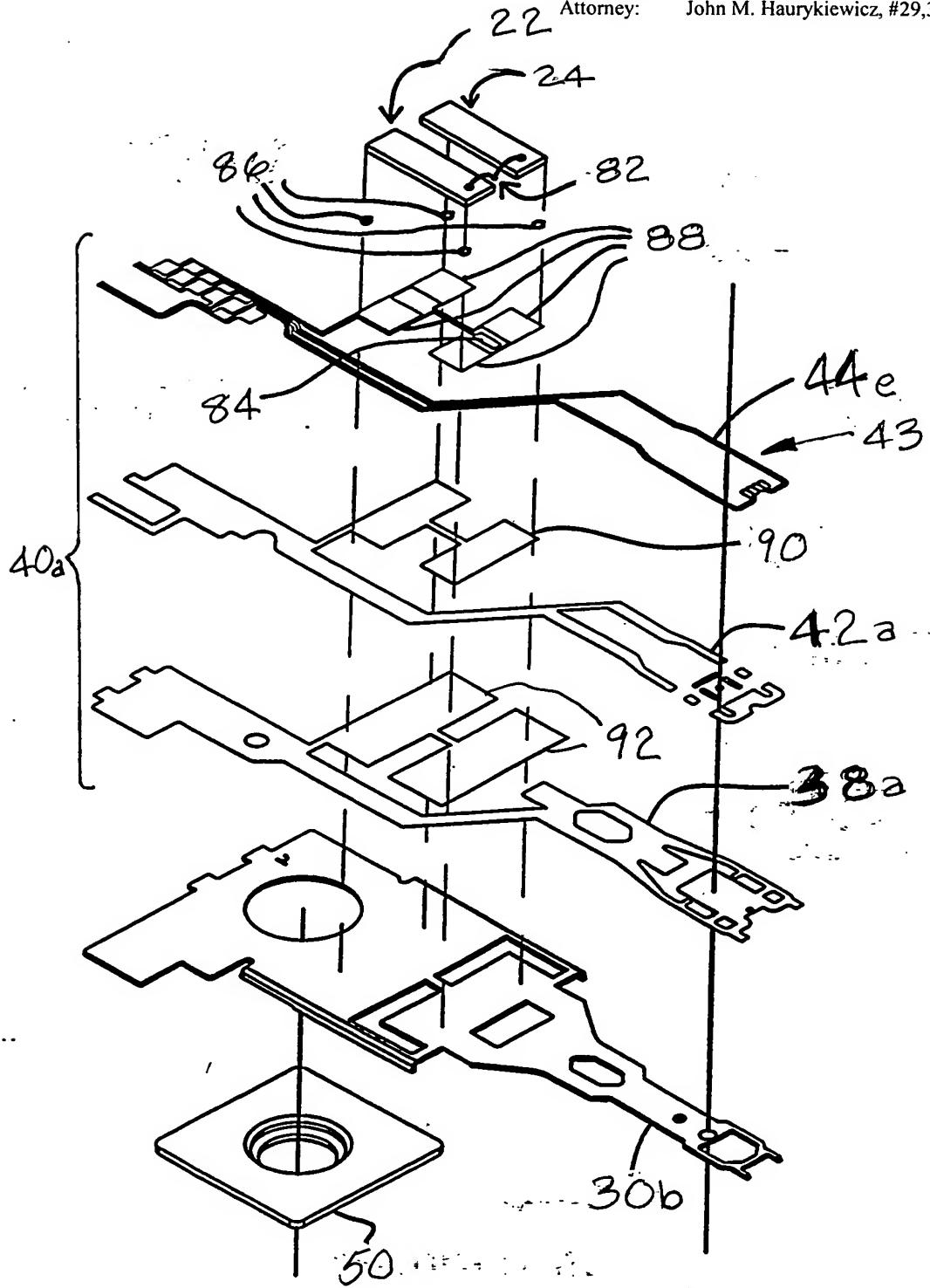


FIGURE 8a

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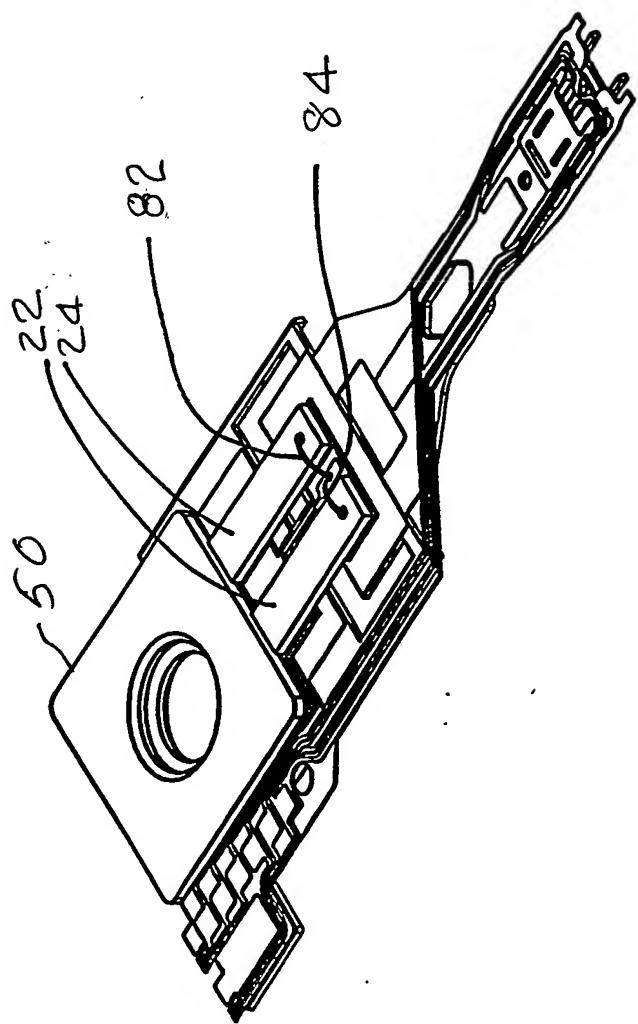


FIGURE 8b

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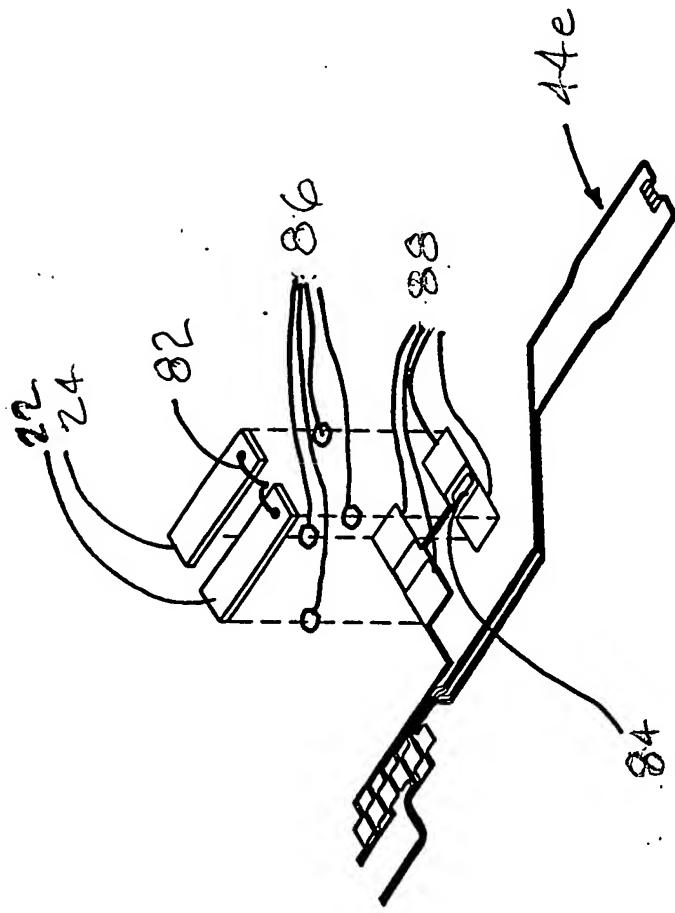
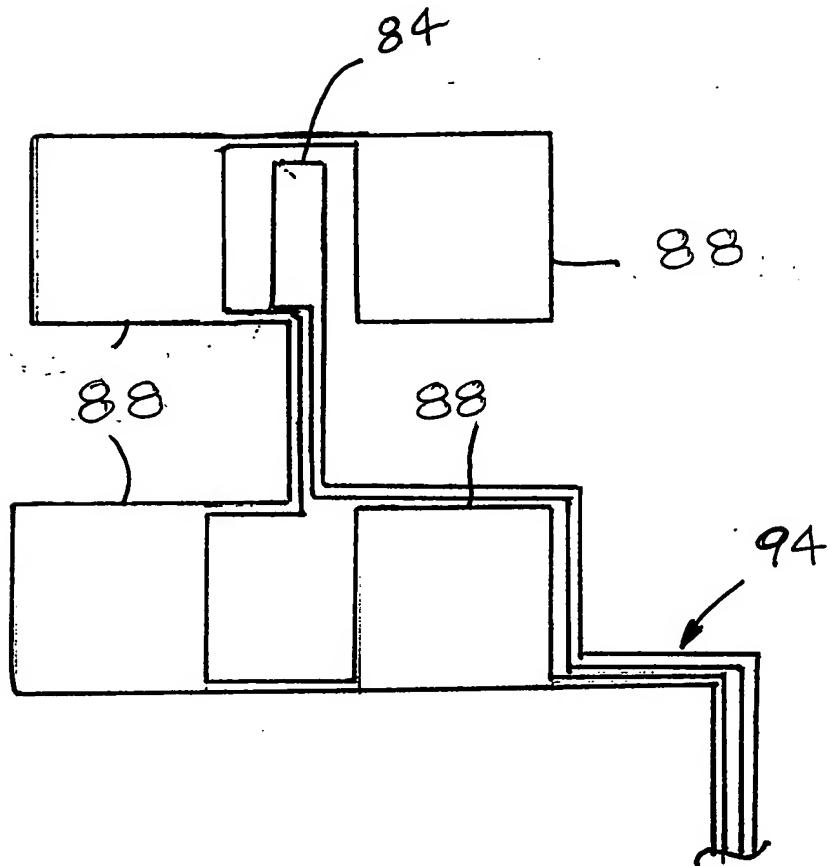


FIGURE 8C

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**FIGURE 8d**

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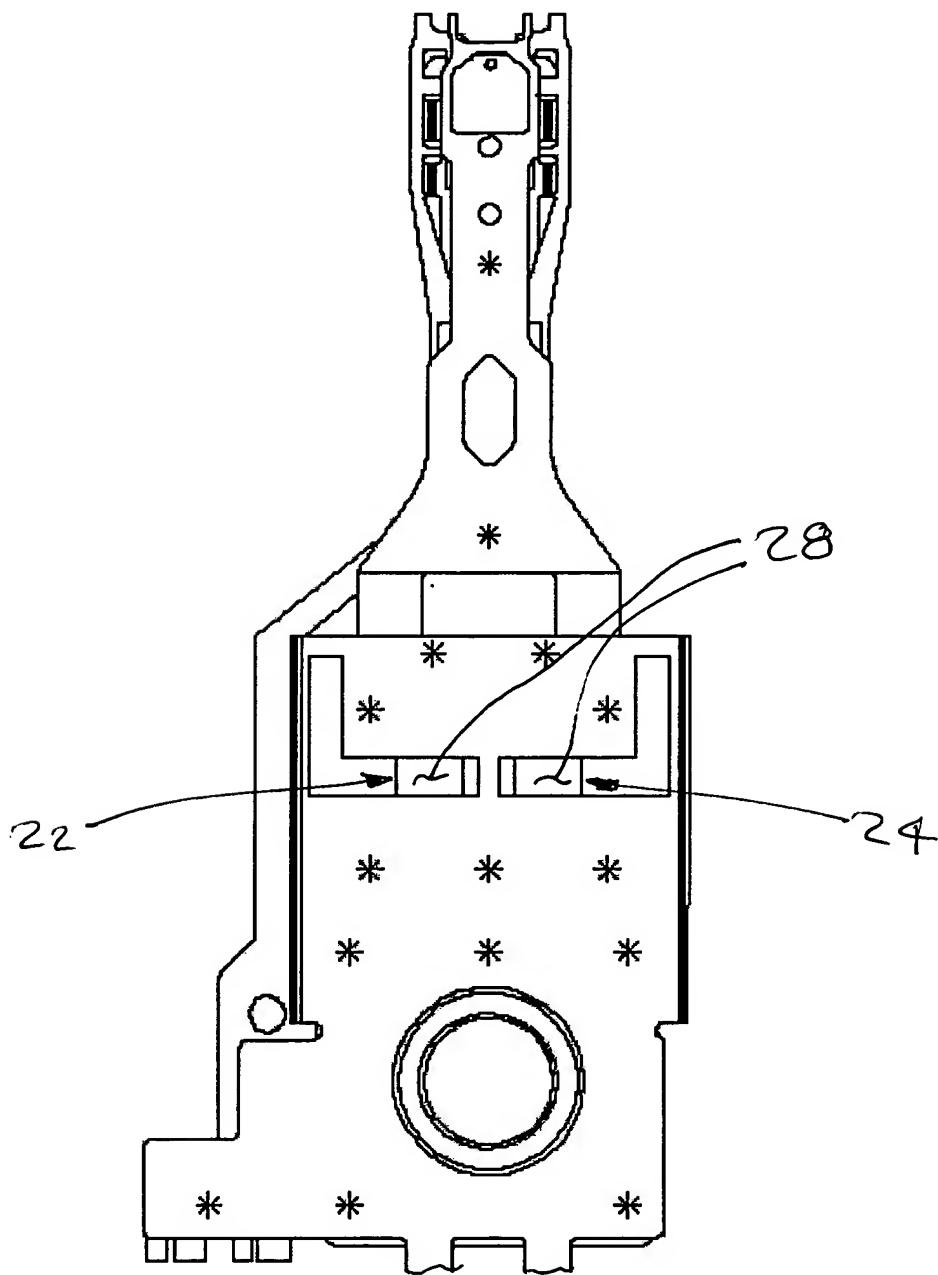


FIGURE 8e

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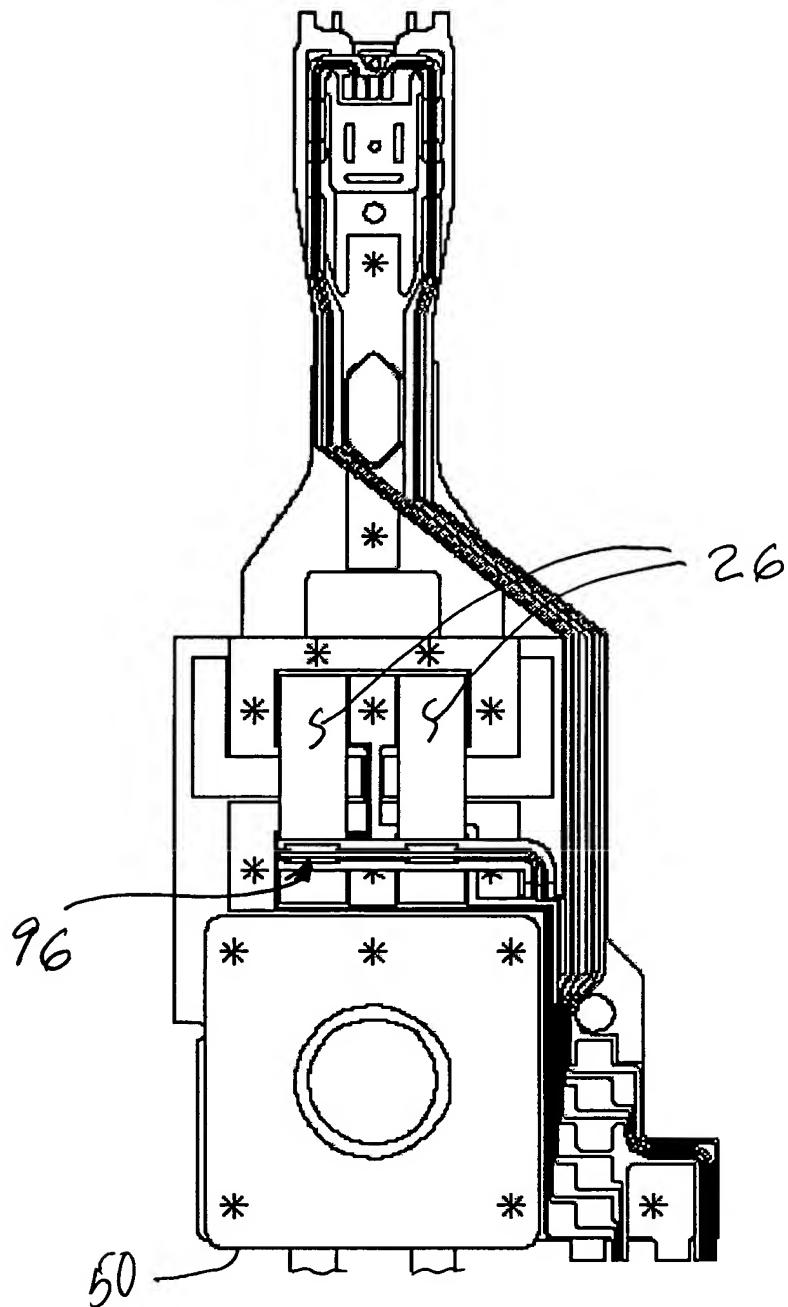


FIGURE 8f

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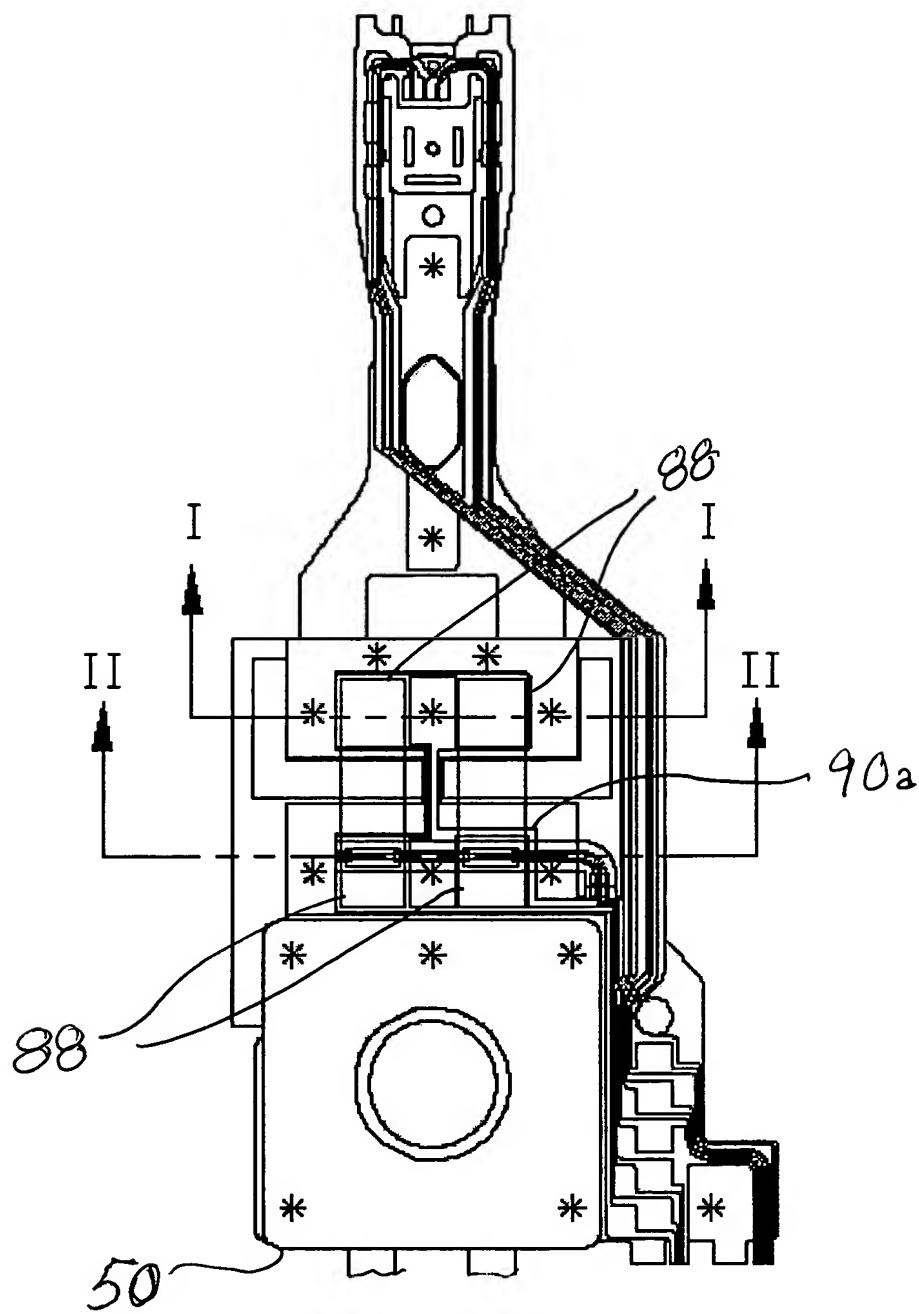


FIGURE 8g

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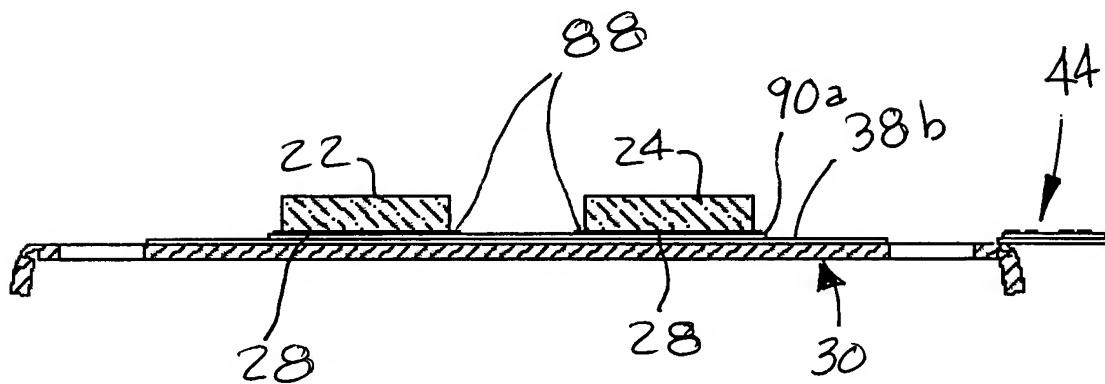


FIGURE 8h

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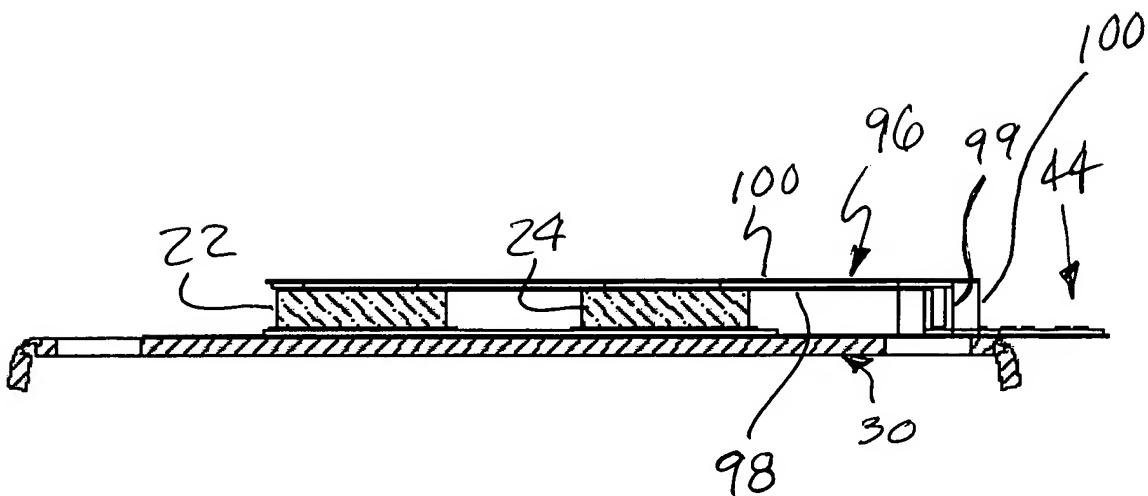


FIGURE 8i

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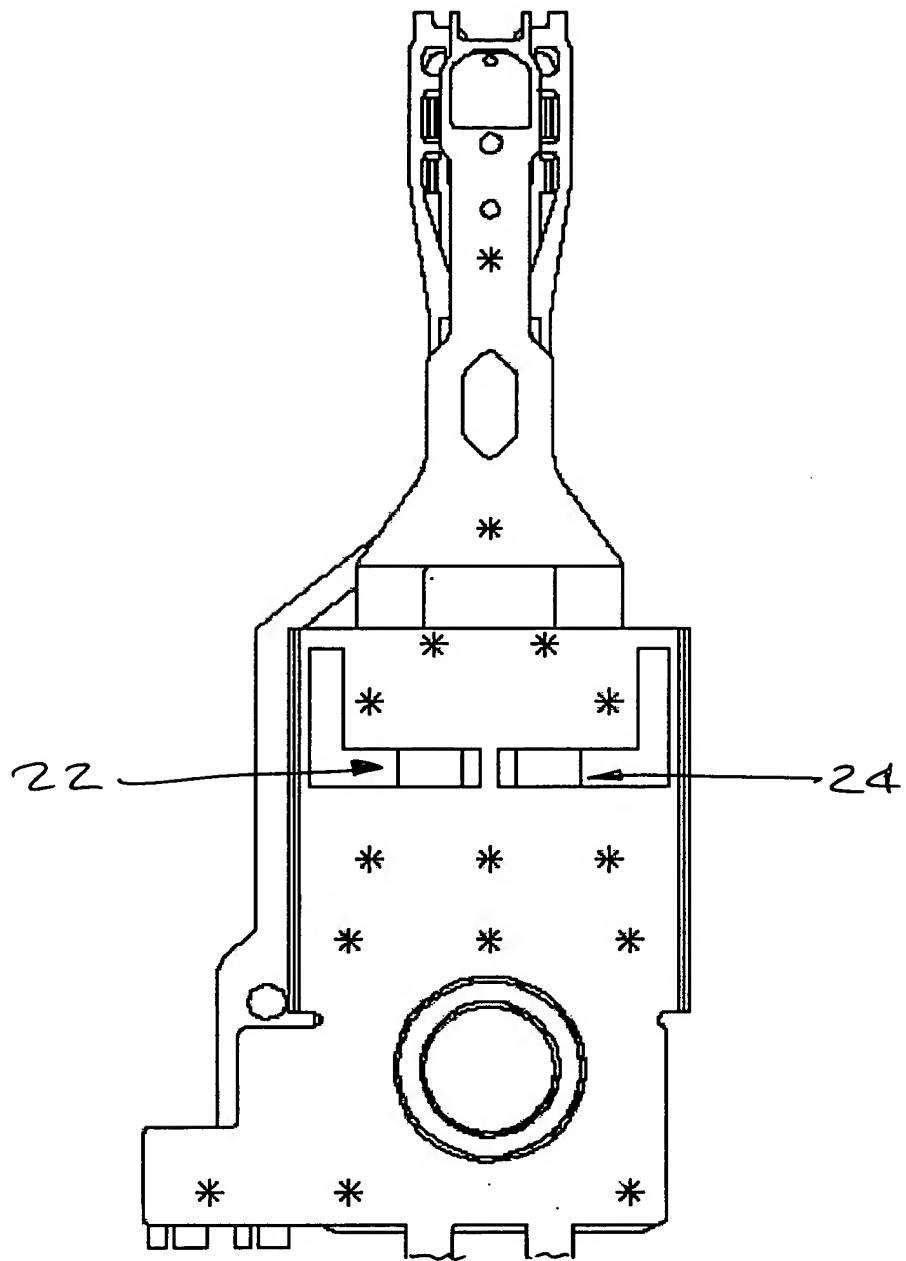


FIGURE 8j

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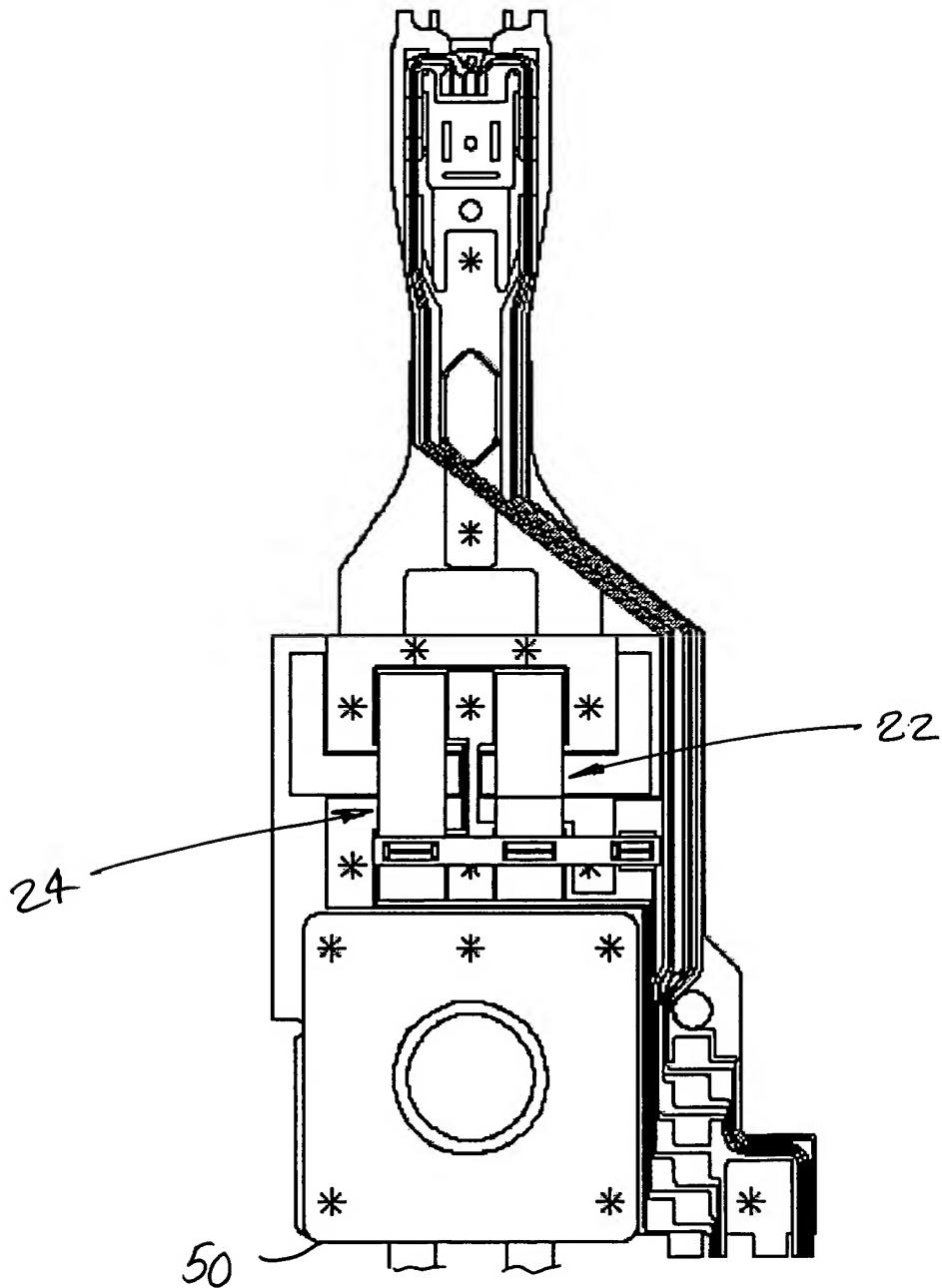


FIGURE 8k

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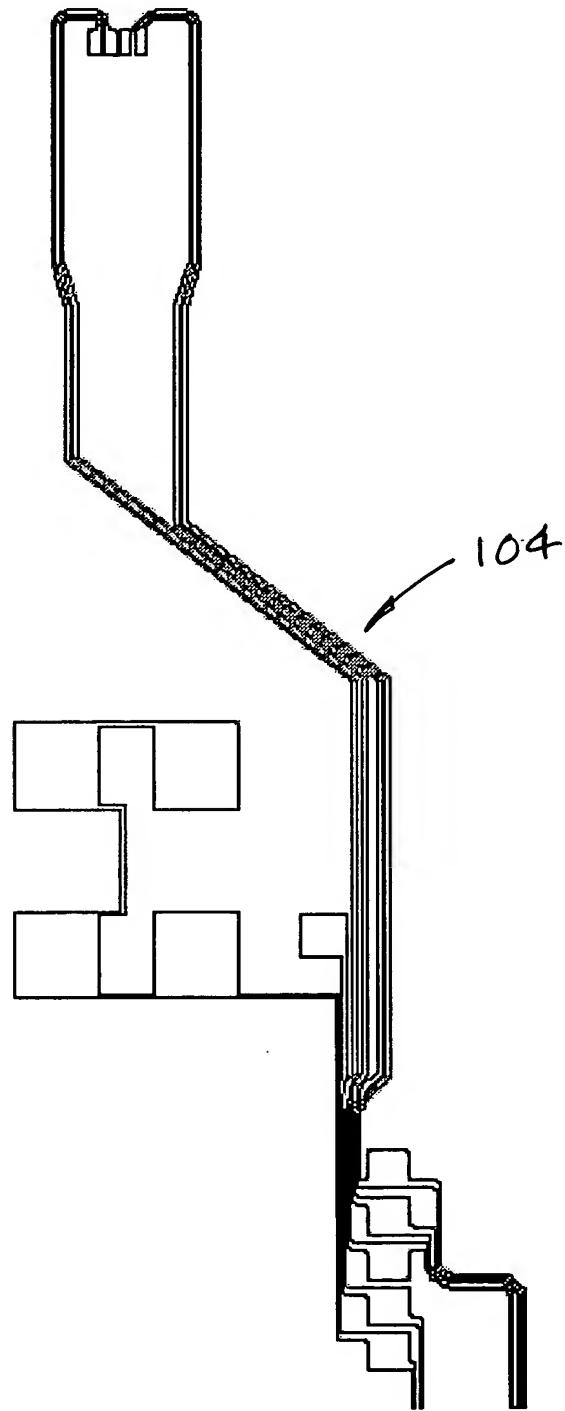


FIGURE 8kk

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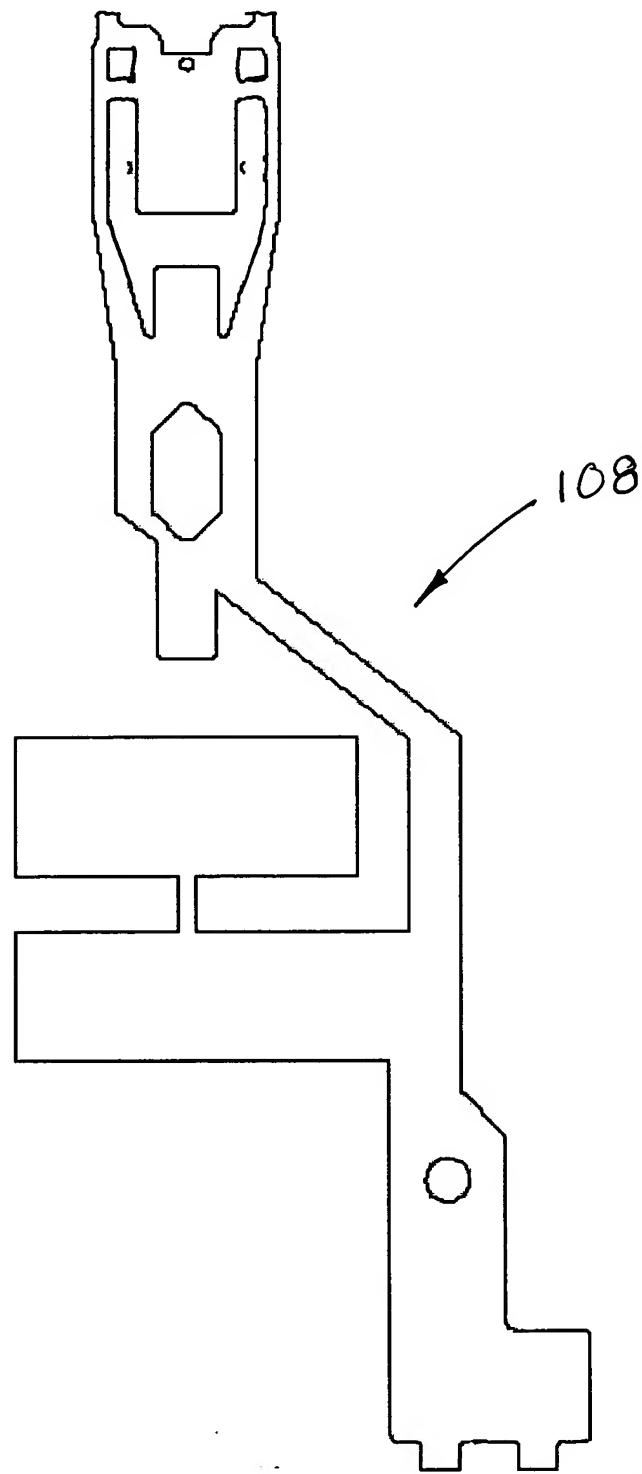


FIGURE 8kkk

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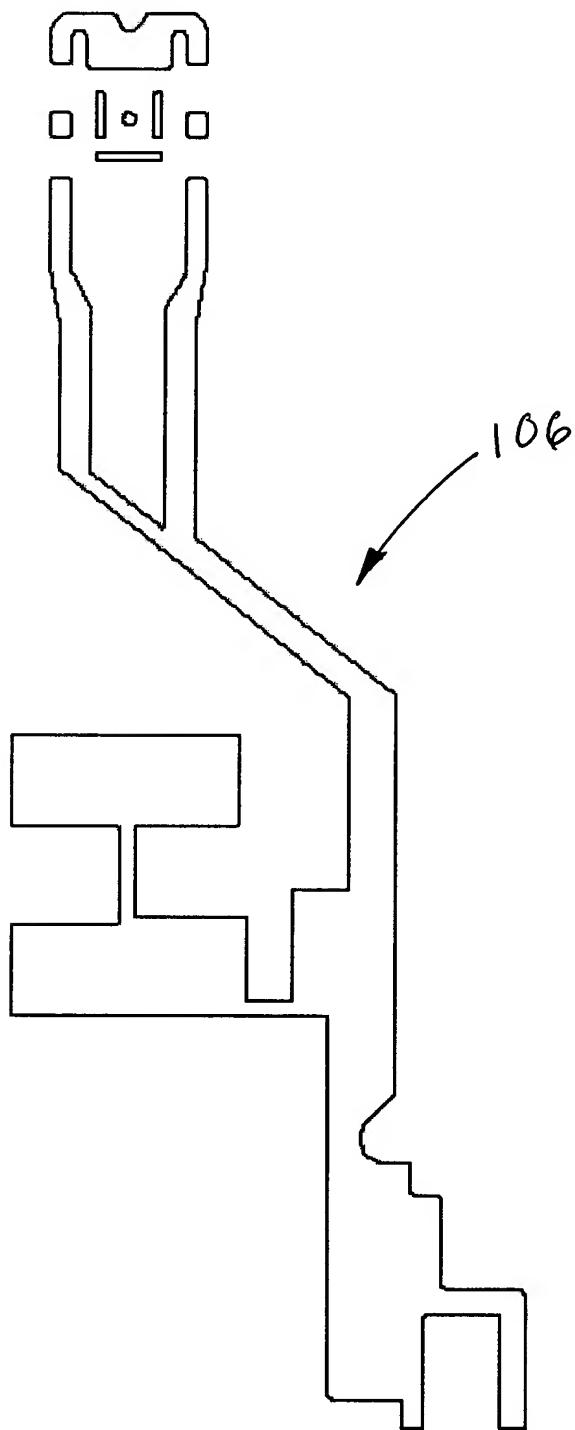


FIGURE 8kkkk

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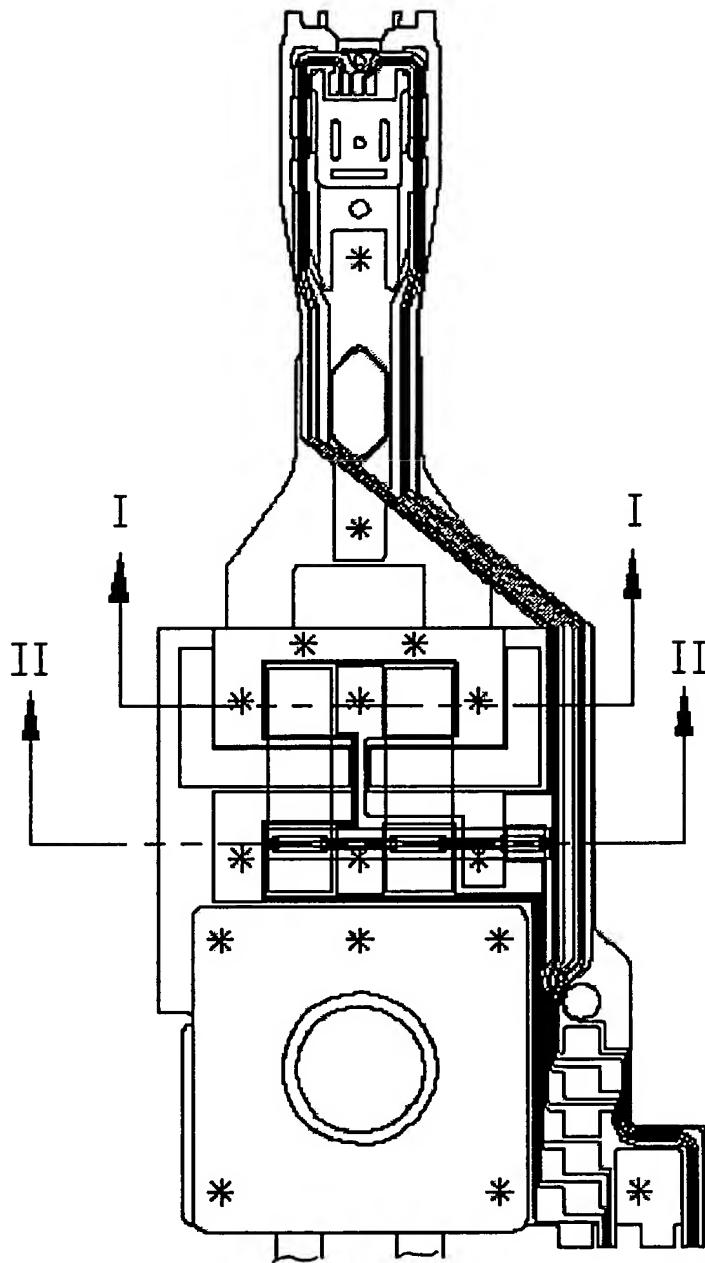


FIGURE 8I

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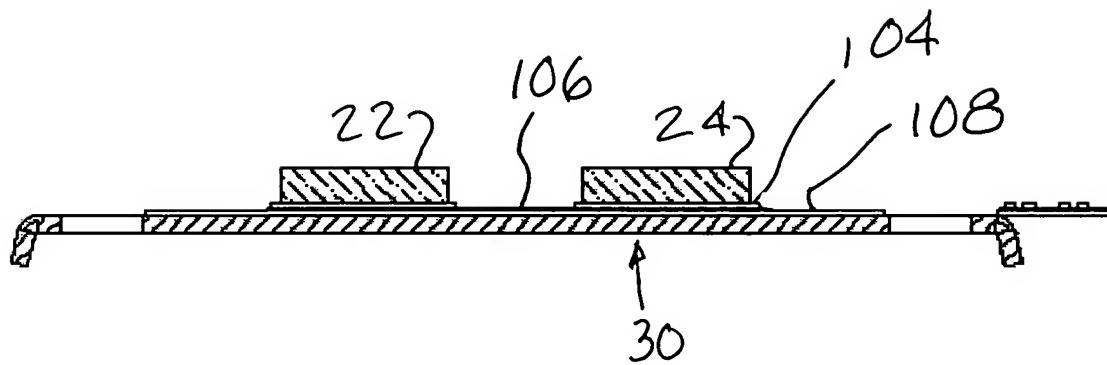


FIGURE 8m

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

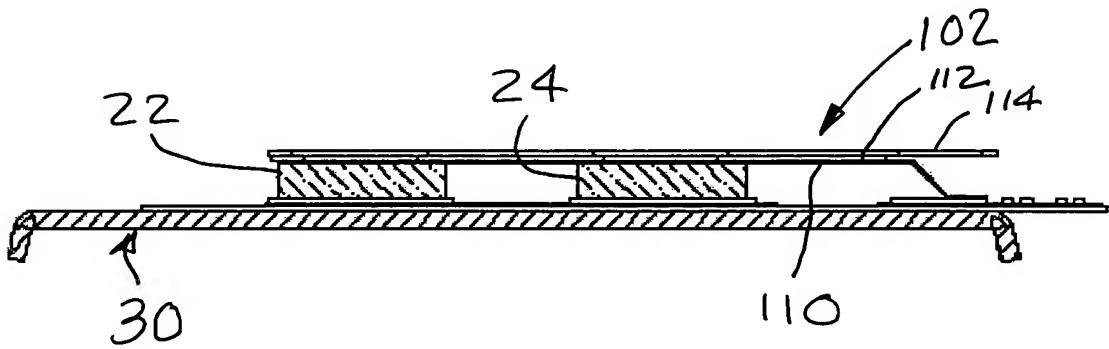


FIGURE 8n

Applicant: JEFFRY S. BENNIN et al.  
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For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

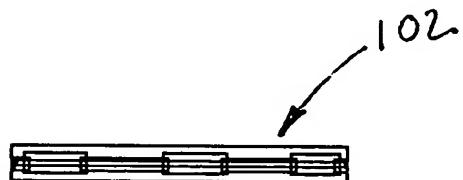


FIGURE 8nn

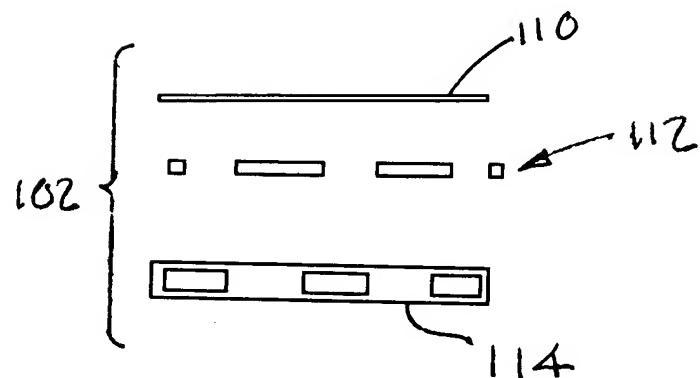


FIGURE 8nnn

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

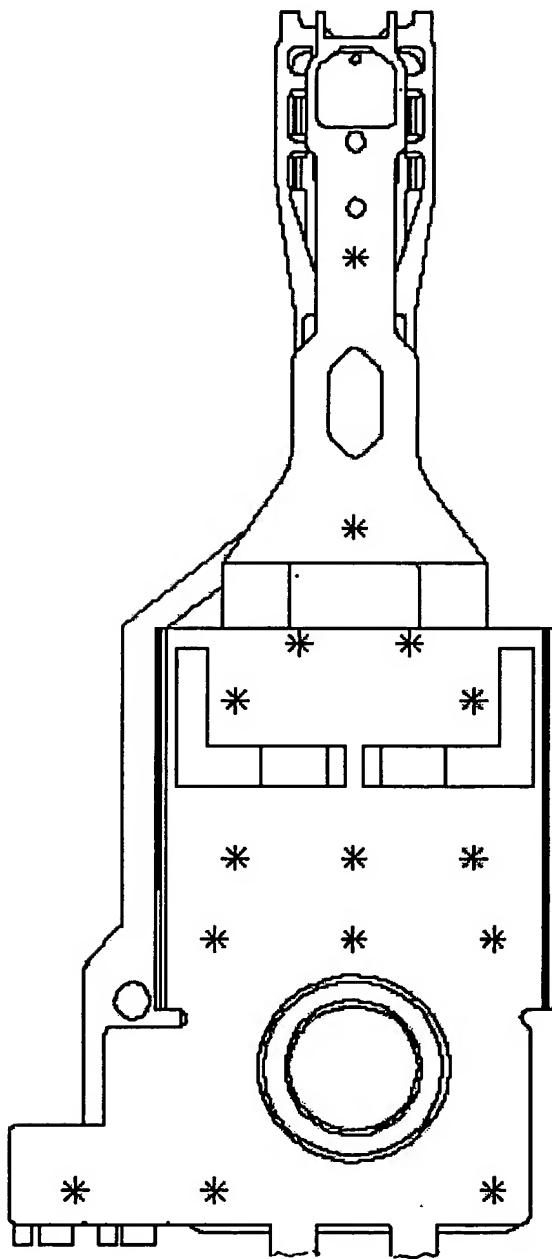


FIGURE 8o

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

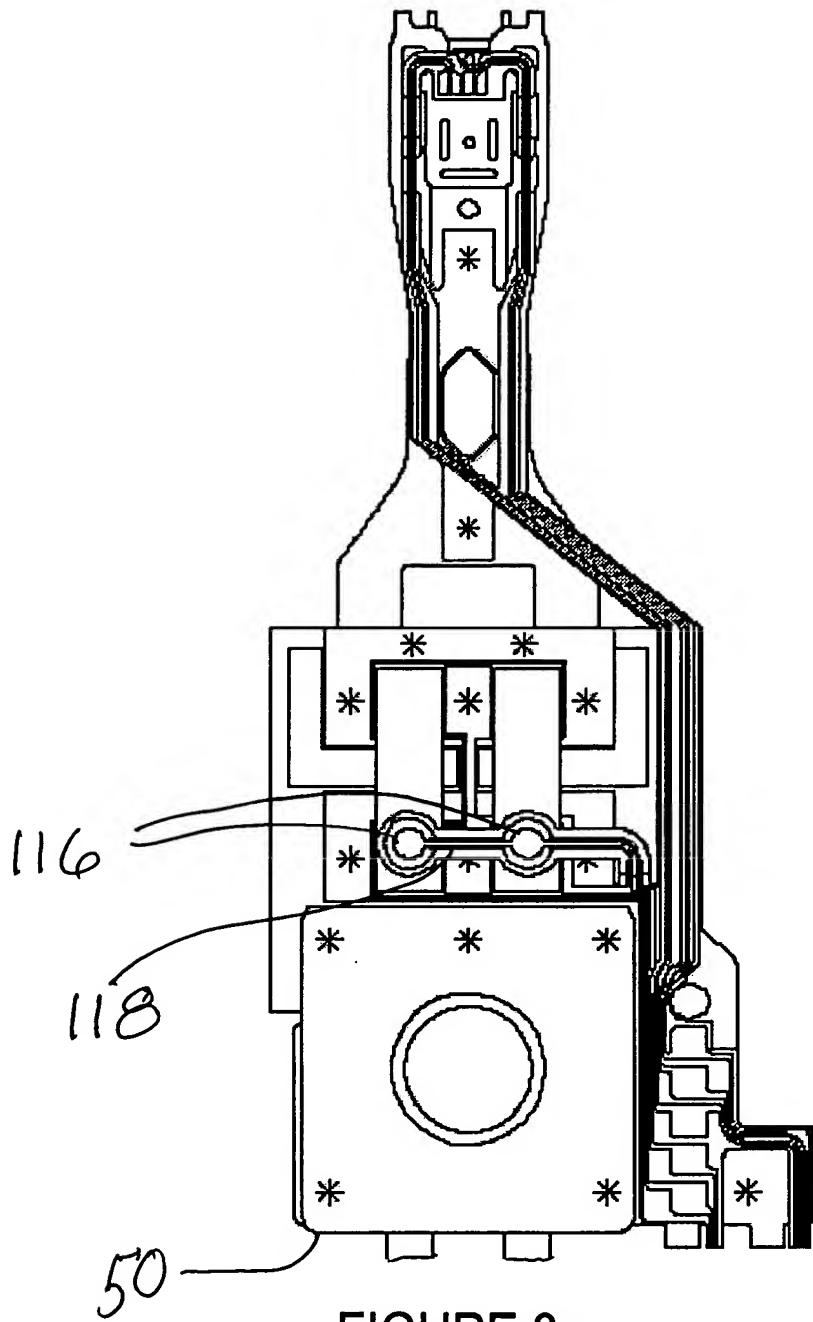


FIGURE 8p

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

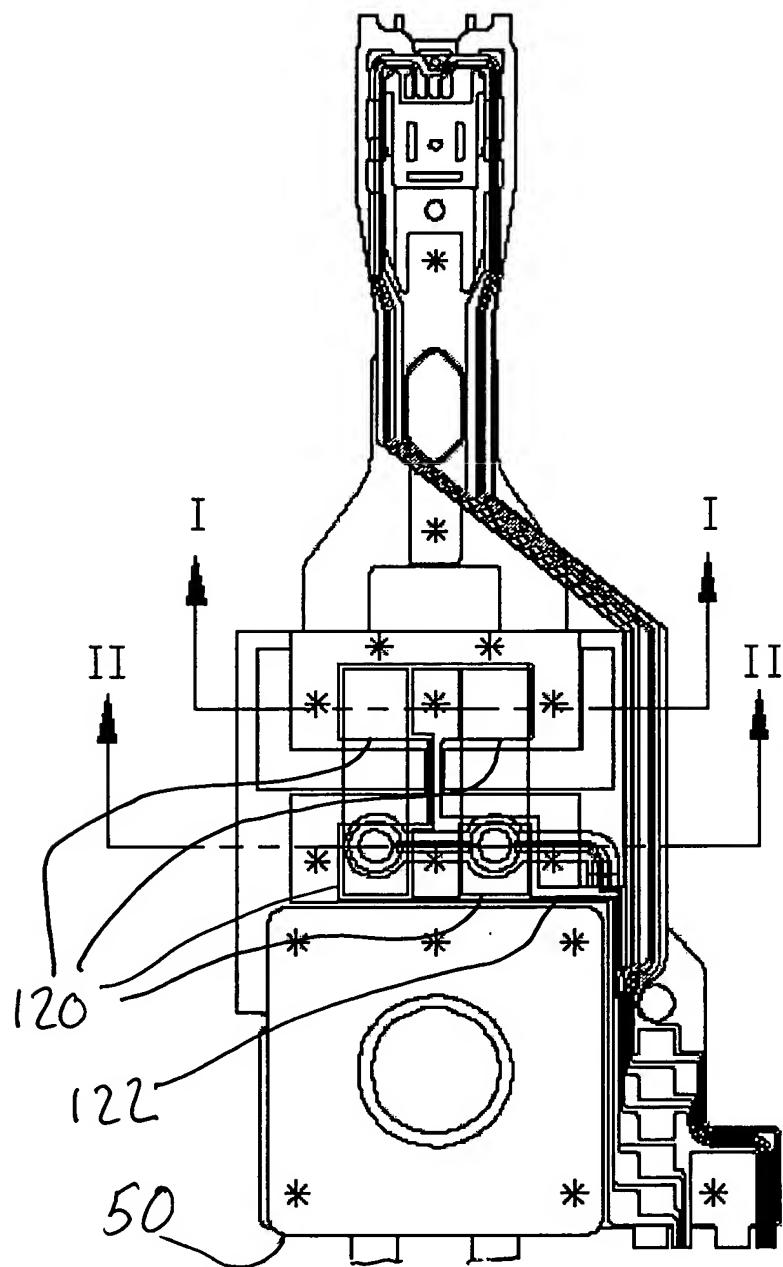


FIGURE 8q

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

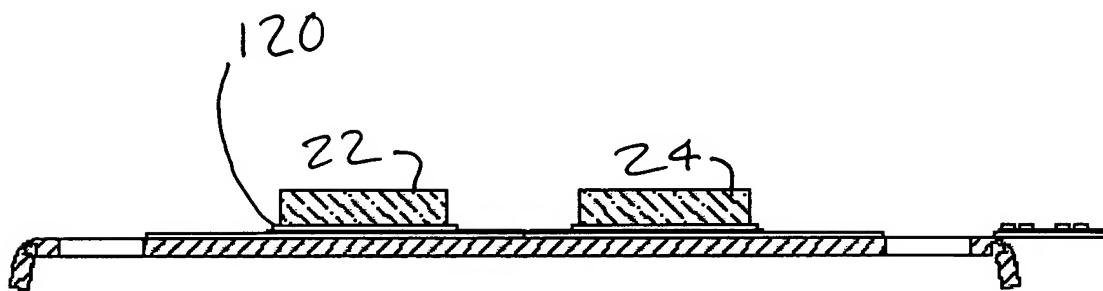


FIGURE 8r

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

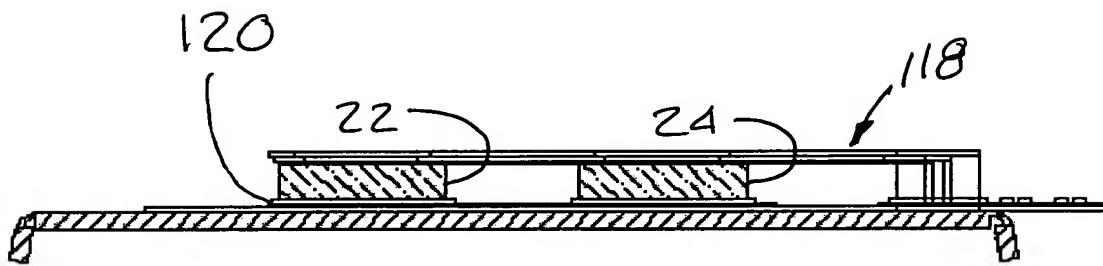


FIGURE 8s

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

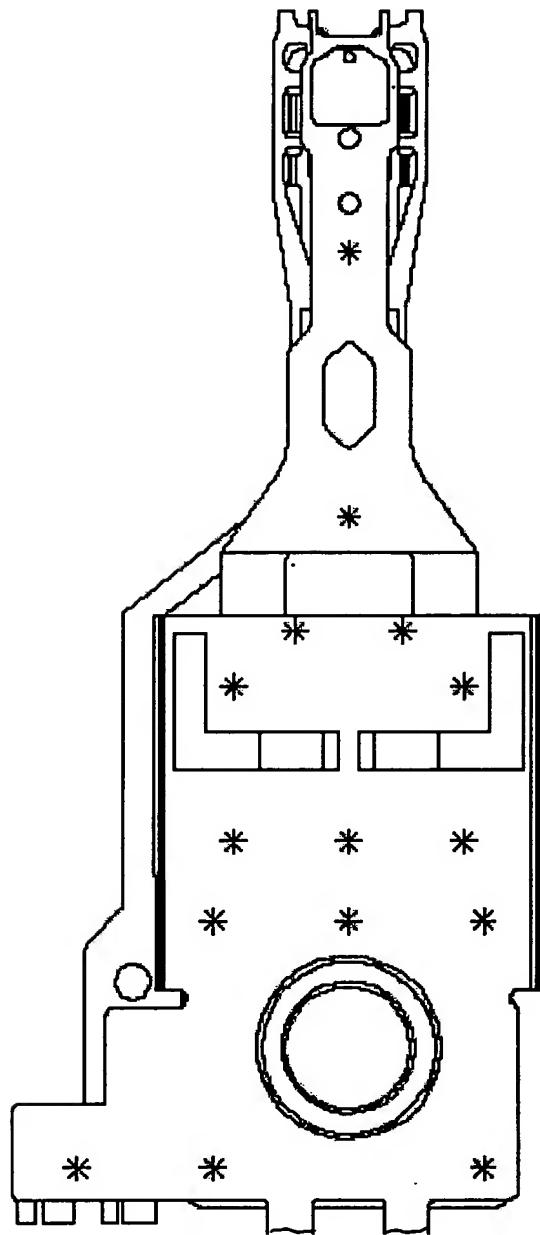


FIGURE 8t

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

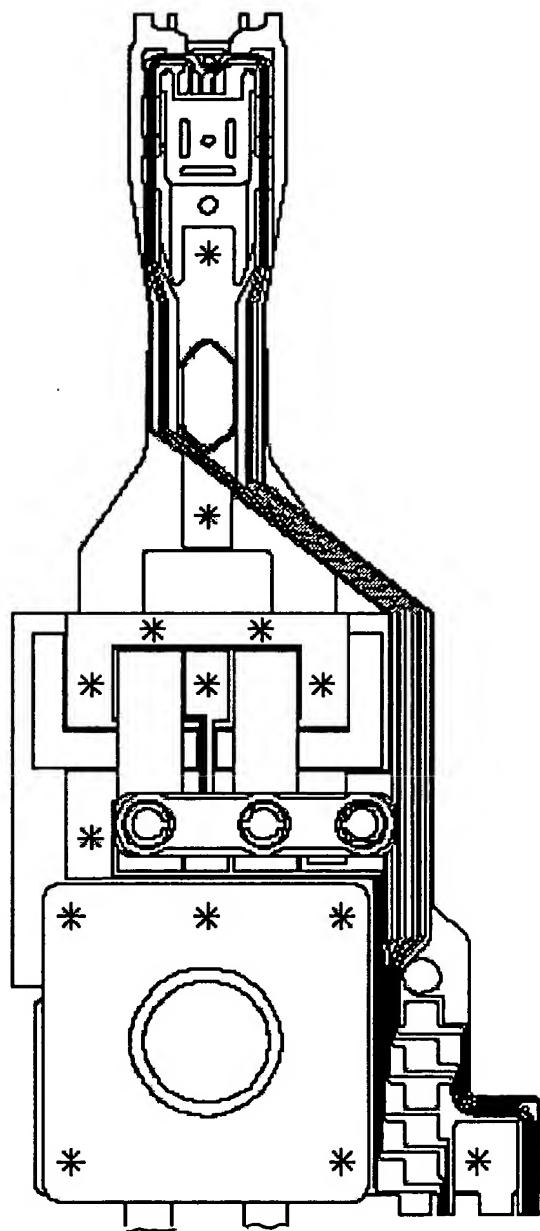
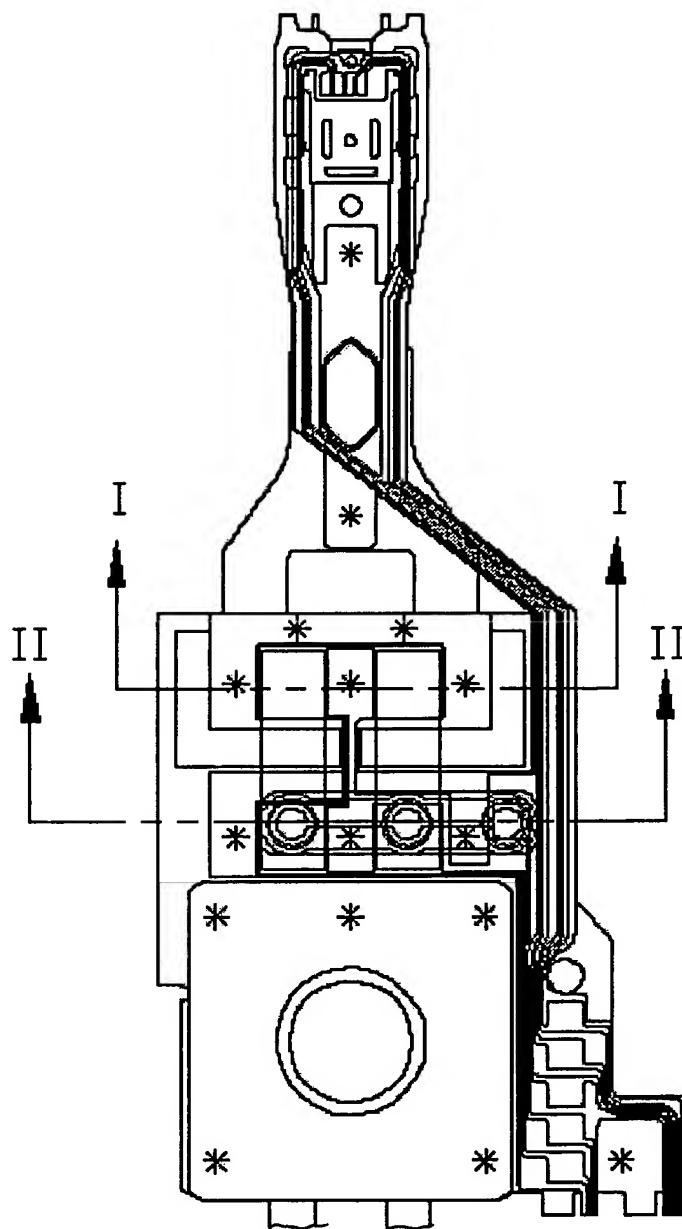


FIGURE 8u

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216



**FIGURE 8v**

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216



FIGURE 8w

Applicant: JEFFRY S. BENNIN et al.  
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ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

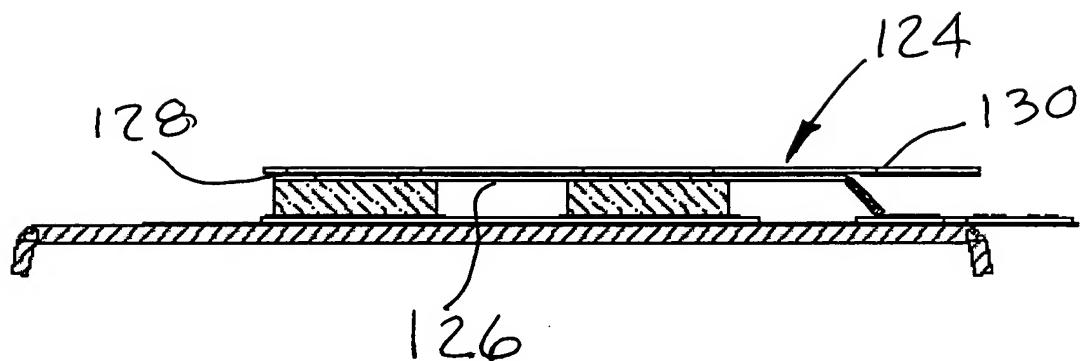


FIGURE 8x

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

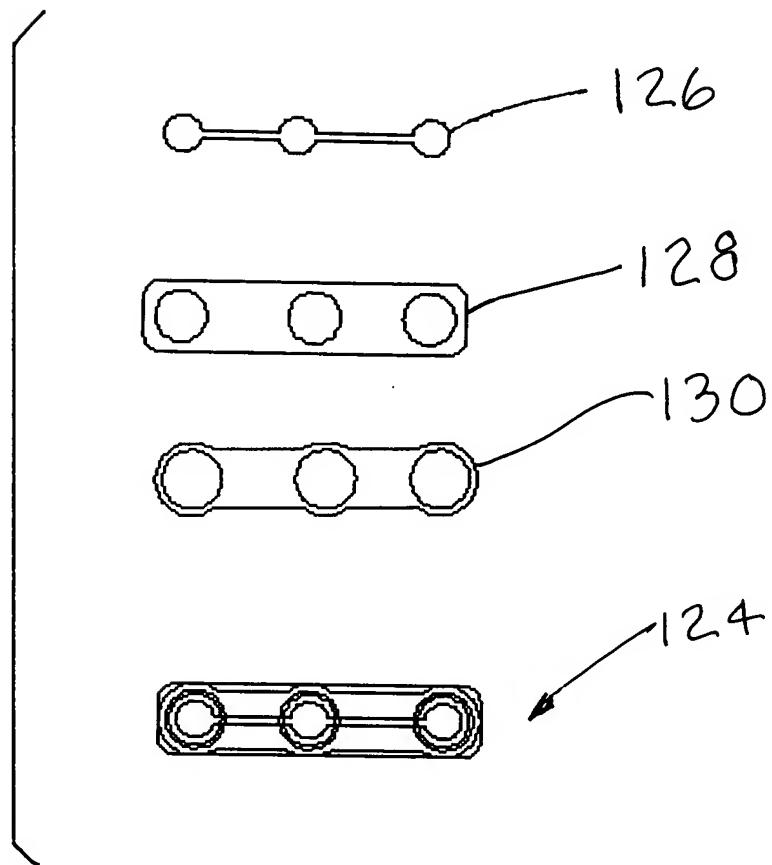


FIGURE 8xx

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

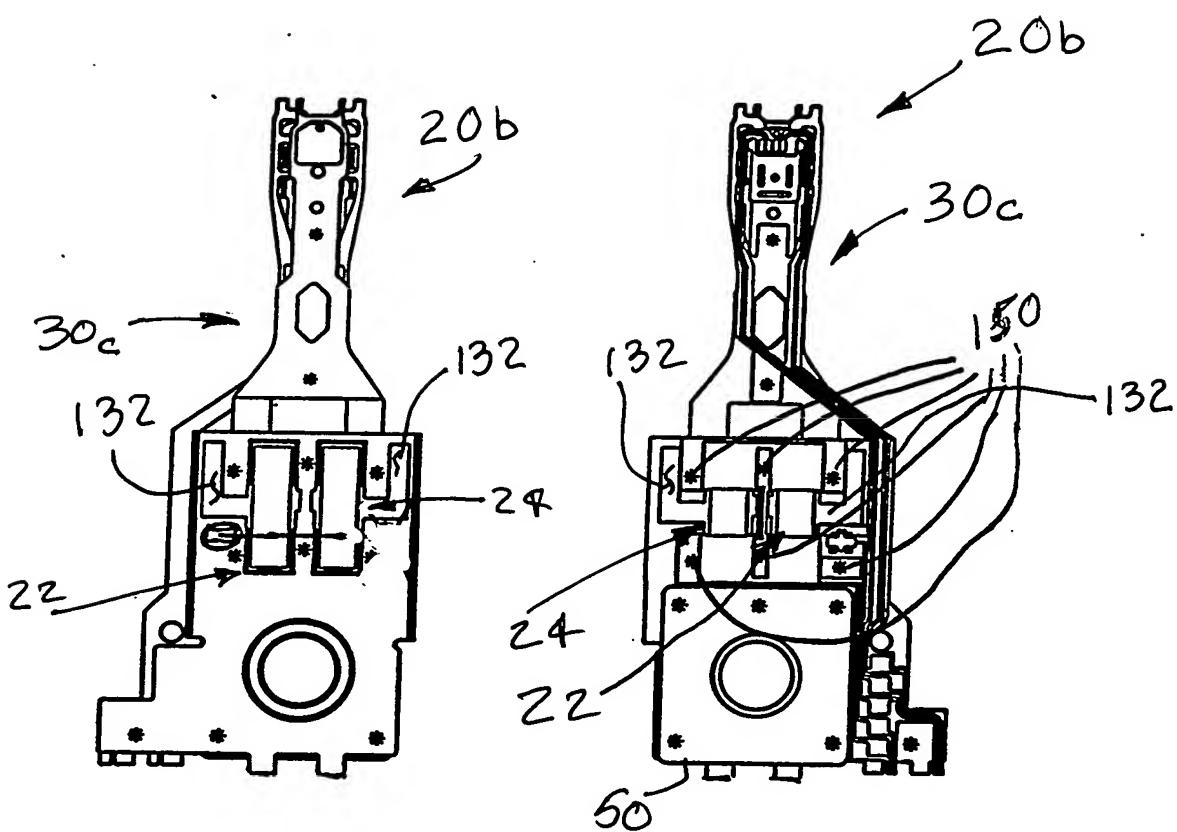


FIGURE 9

FIGURE 10

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

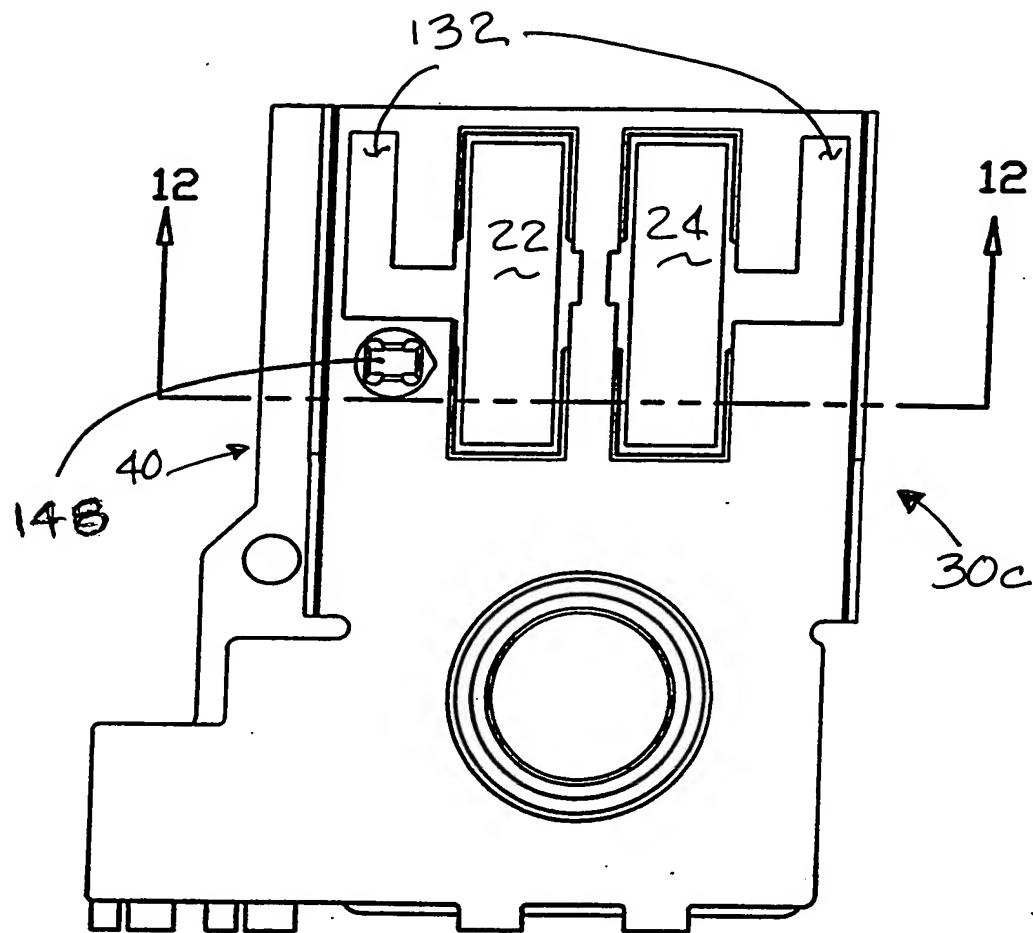


FIGURE 11

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

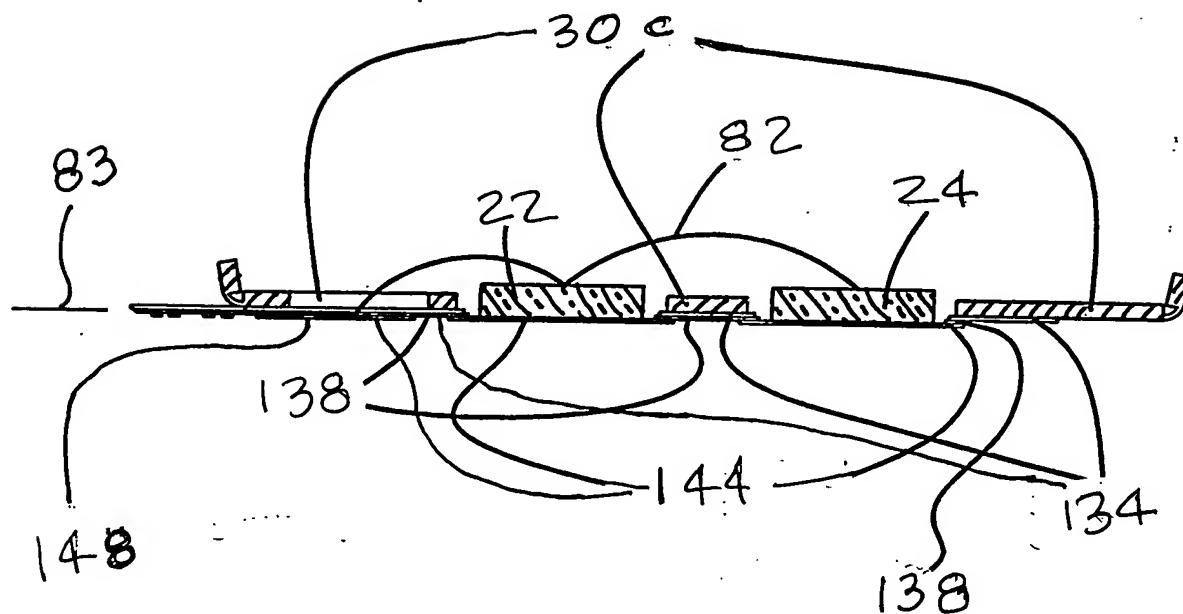


FIGURE 12

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

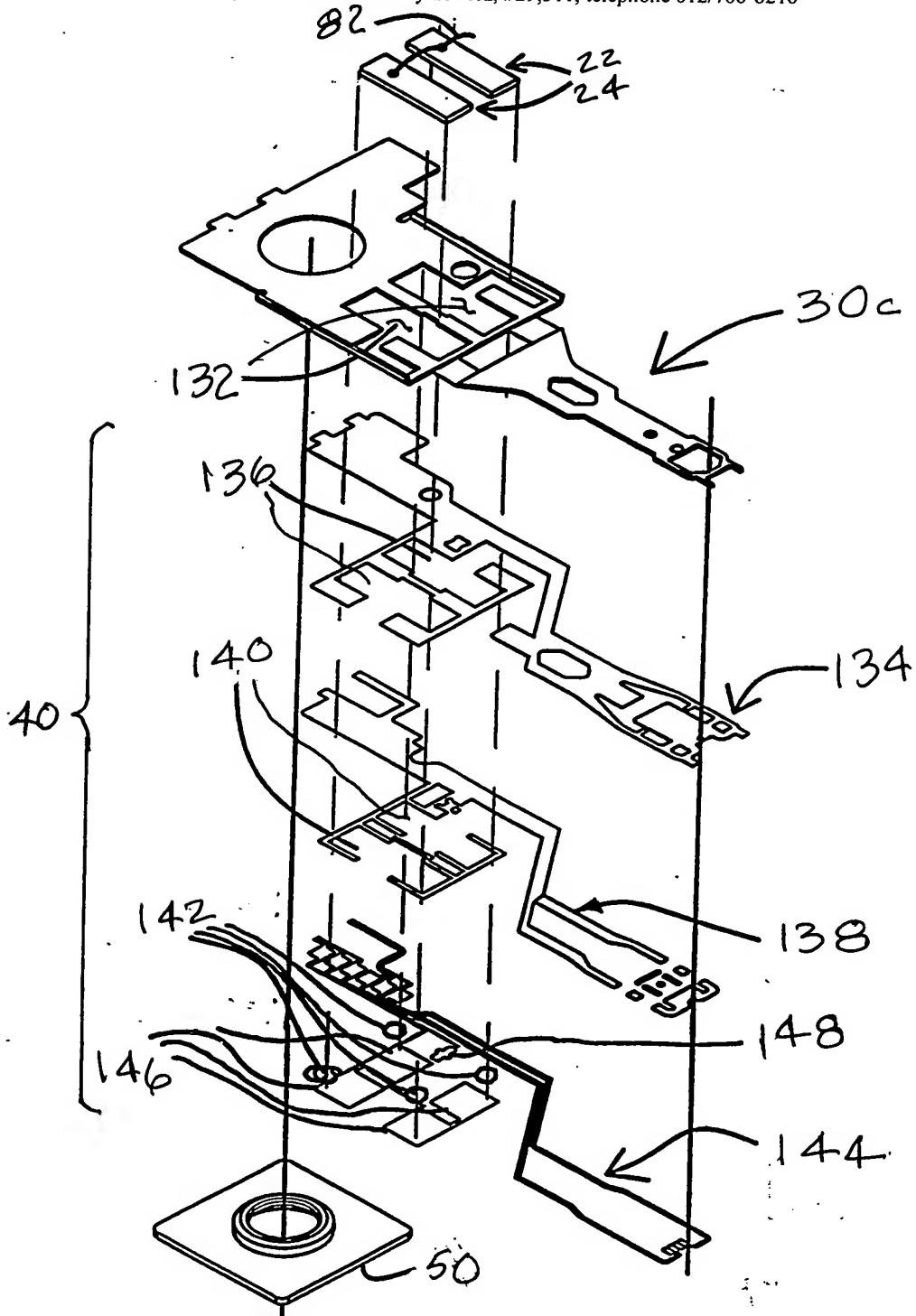


FIGURE 12a

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

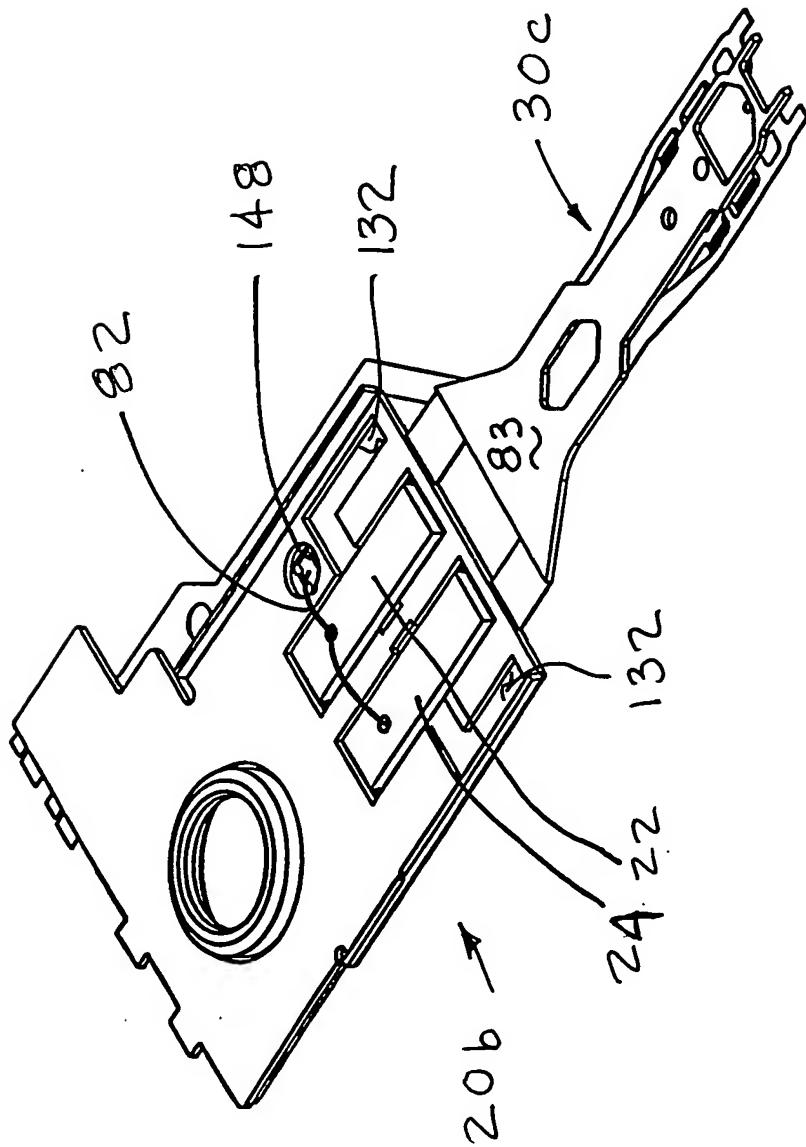


FIGURE 12b

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

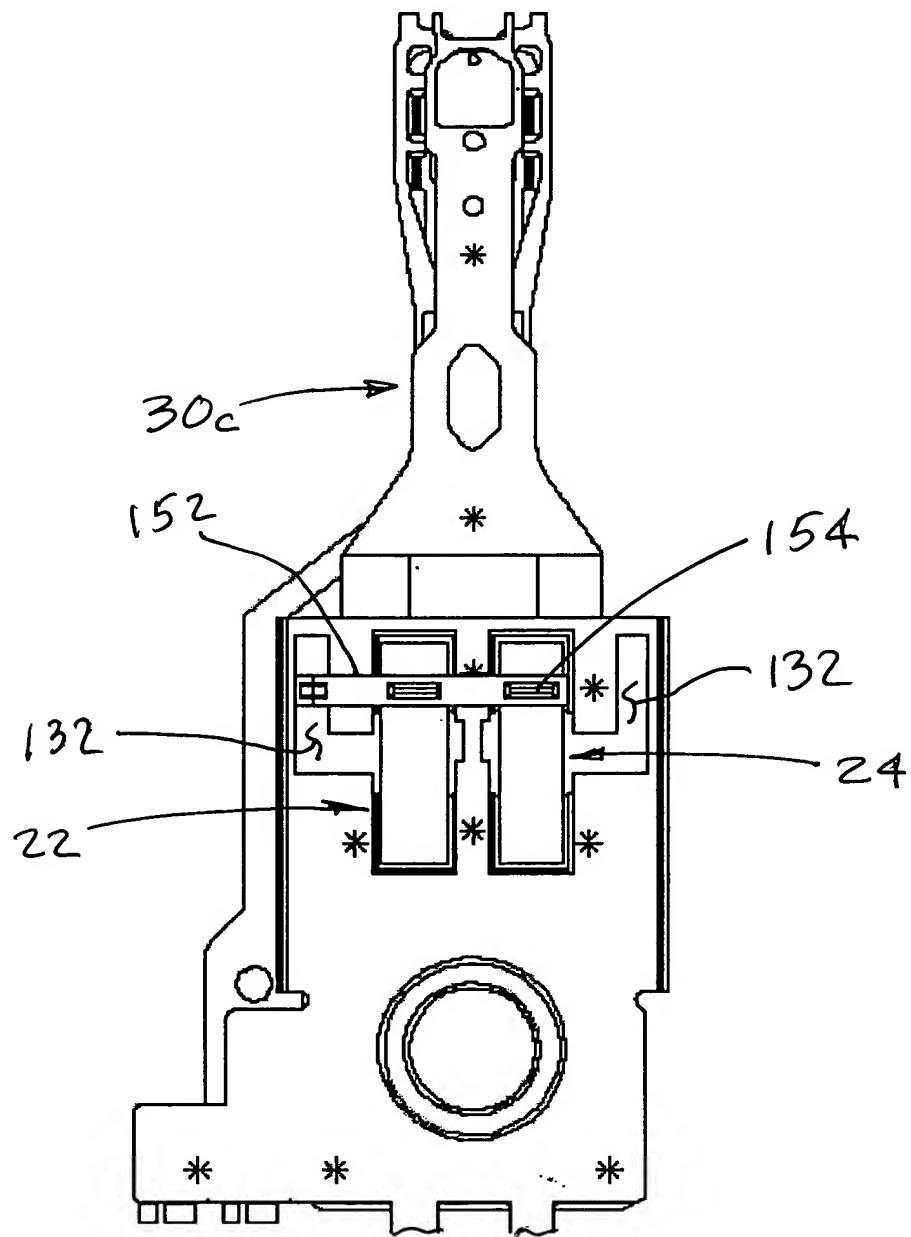


FIGURE 12c

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

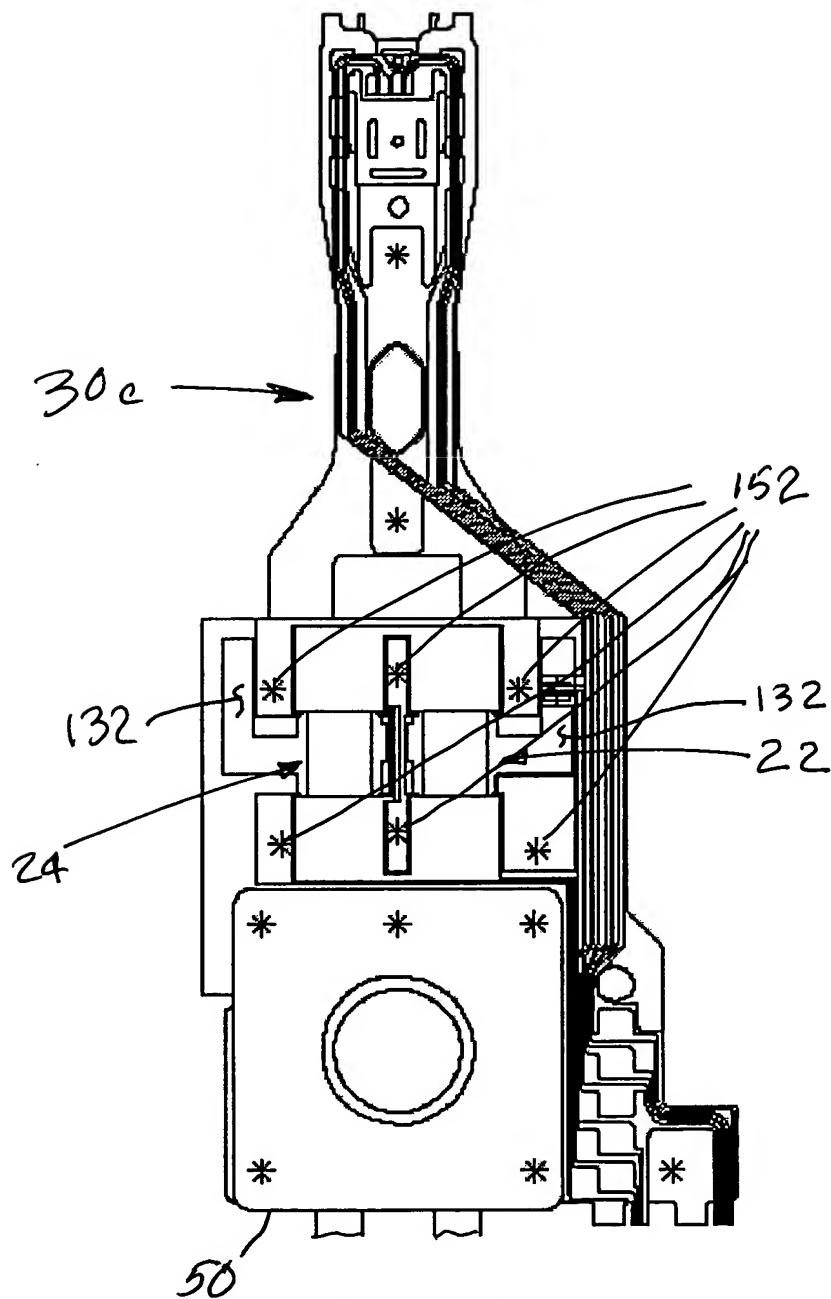


FIGURE 12d

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

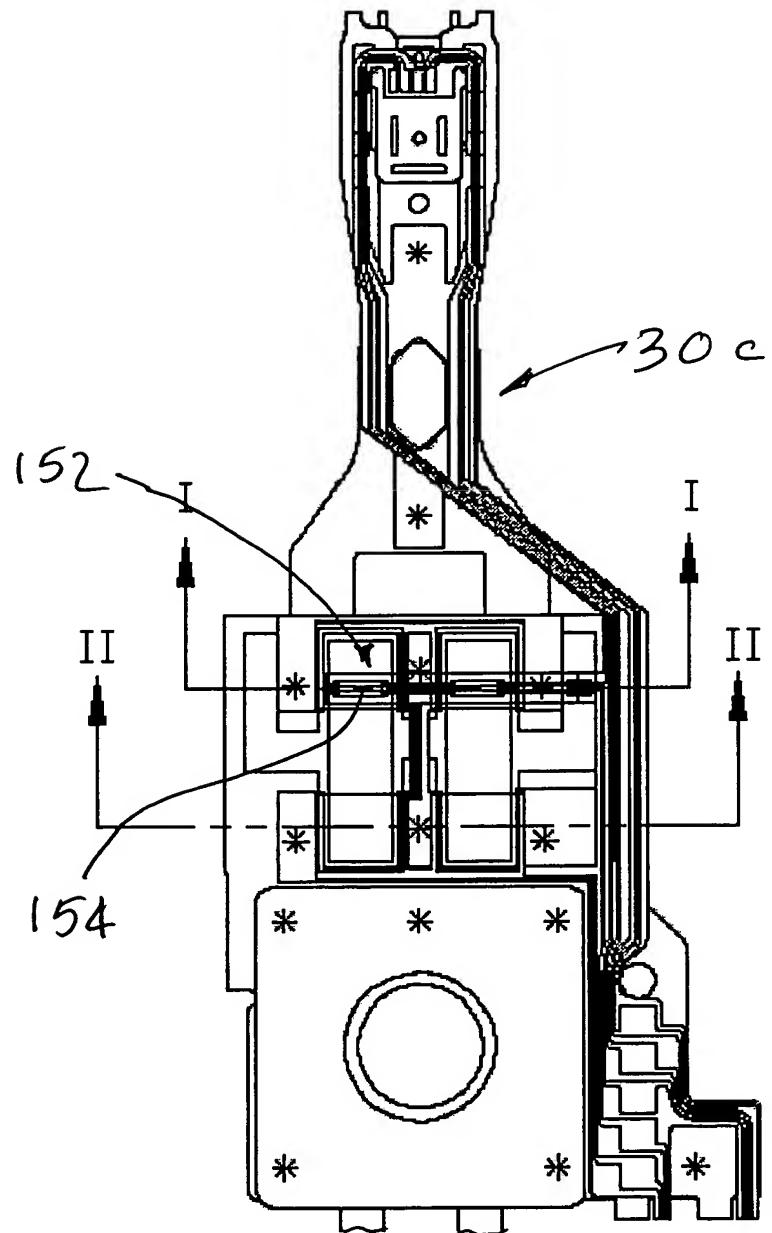


FIGURE 12e

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

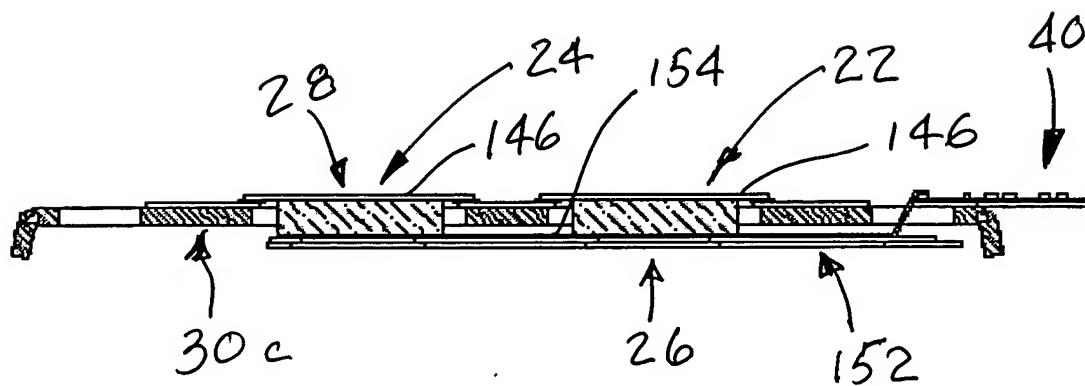


FIGURE 12f

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

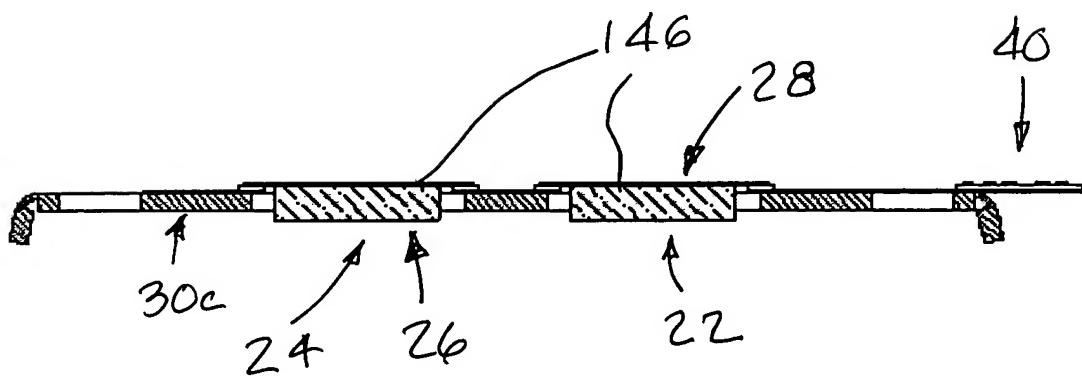


FIGURE 12g

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

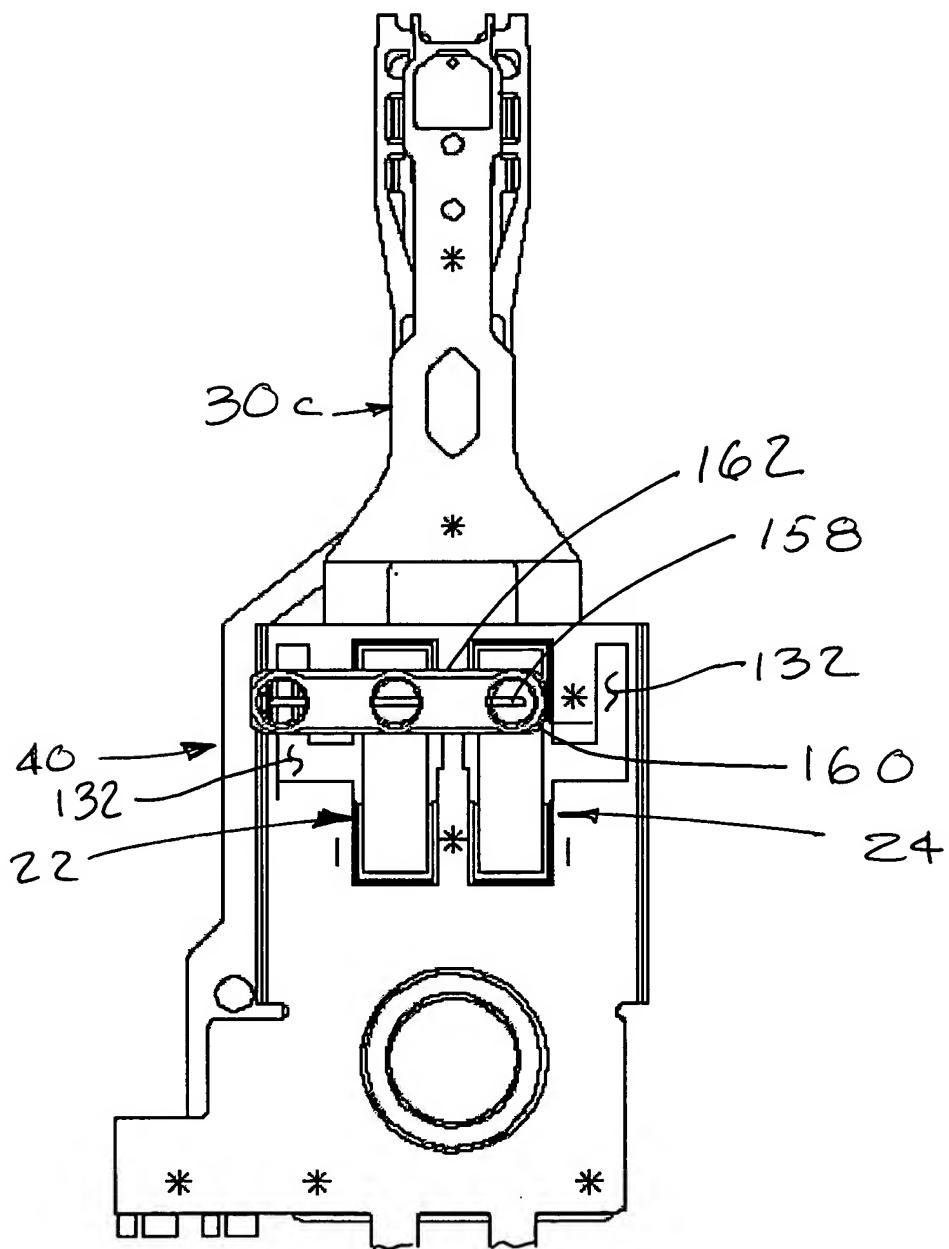


FIGURE 12h

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

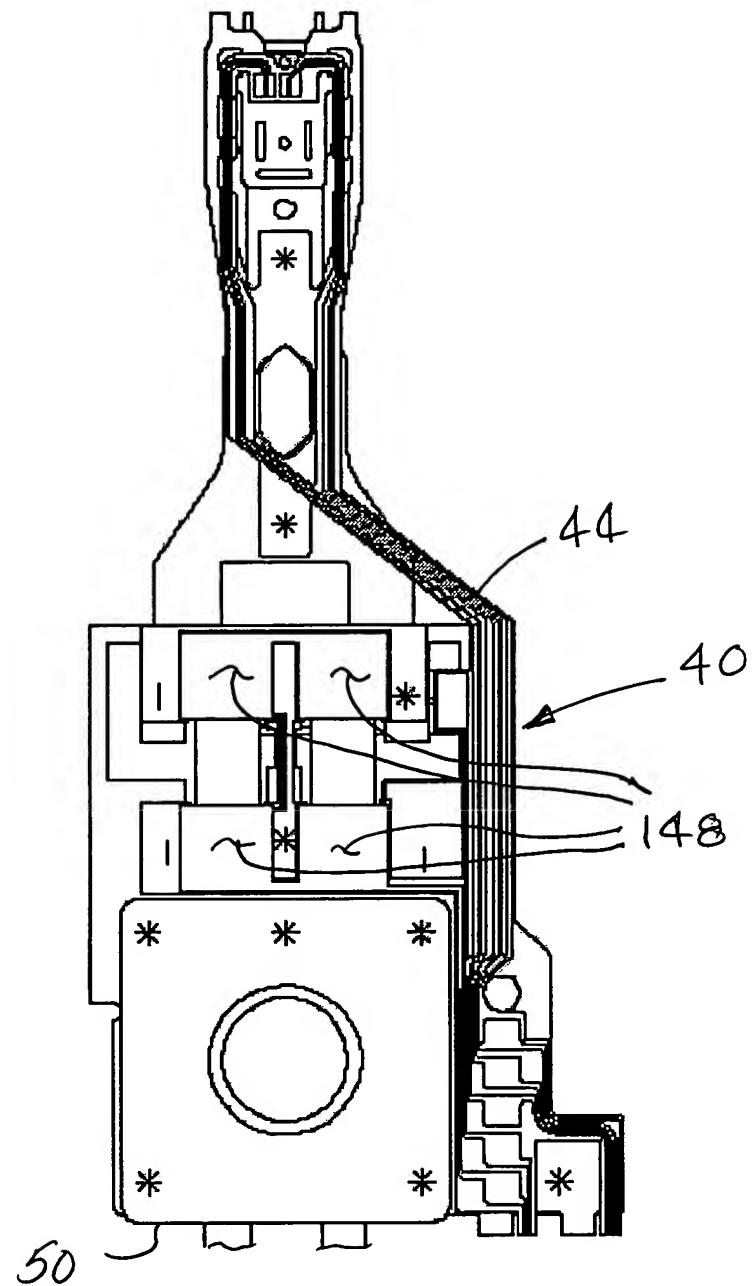


FIGURE 12i

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

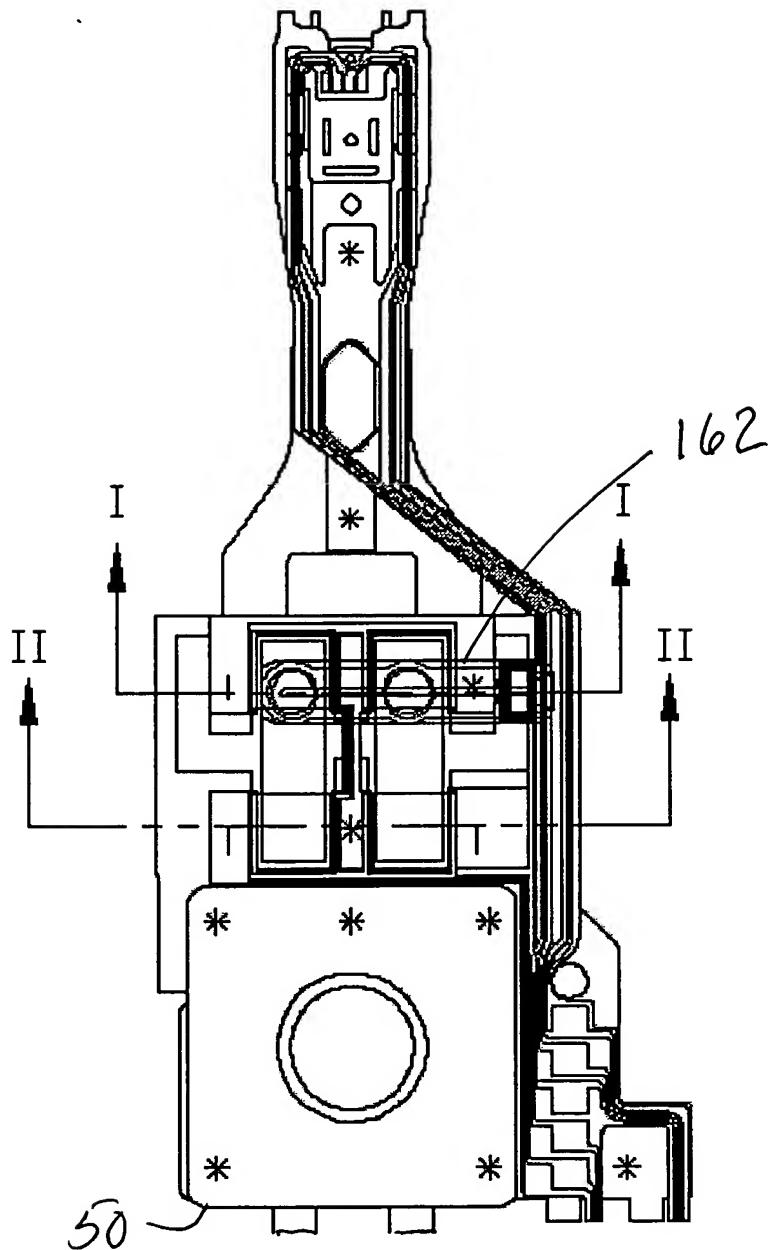


FIGURE 12j

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

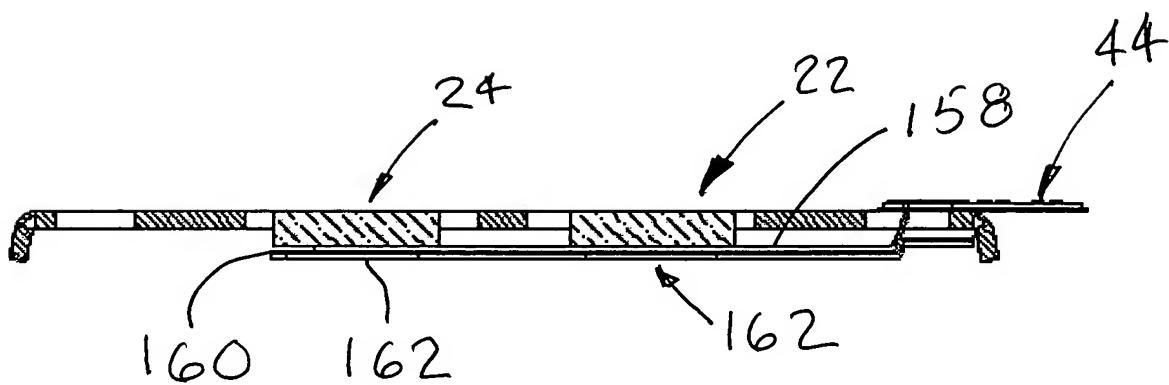


FIGURE 12k

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

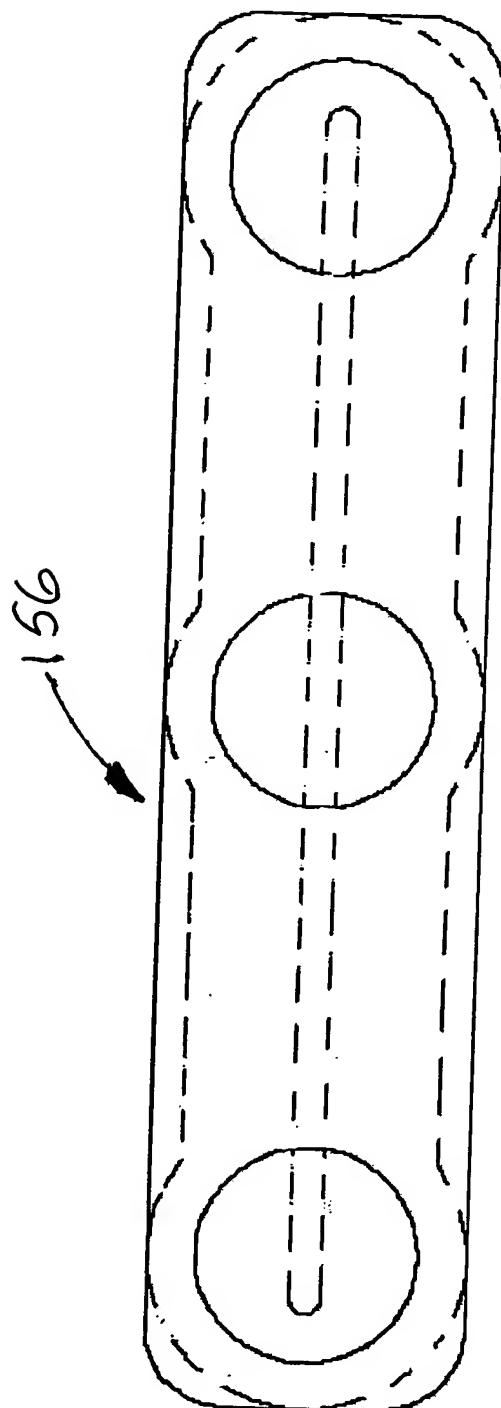
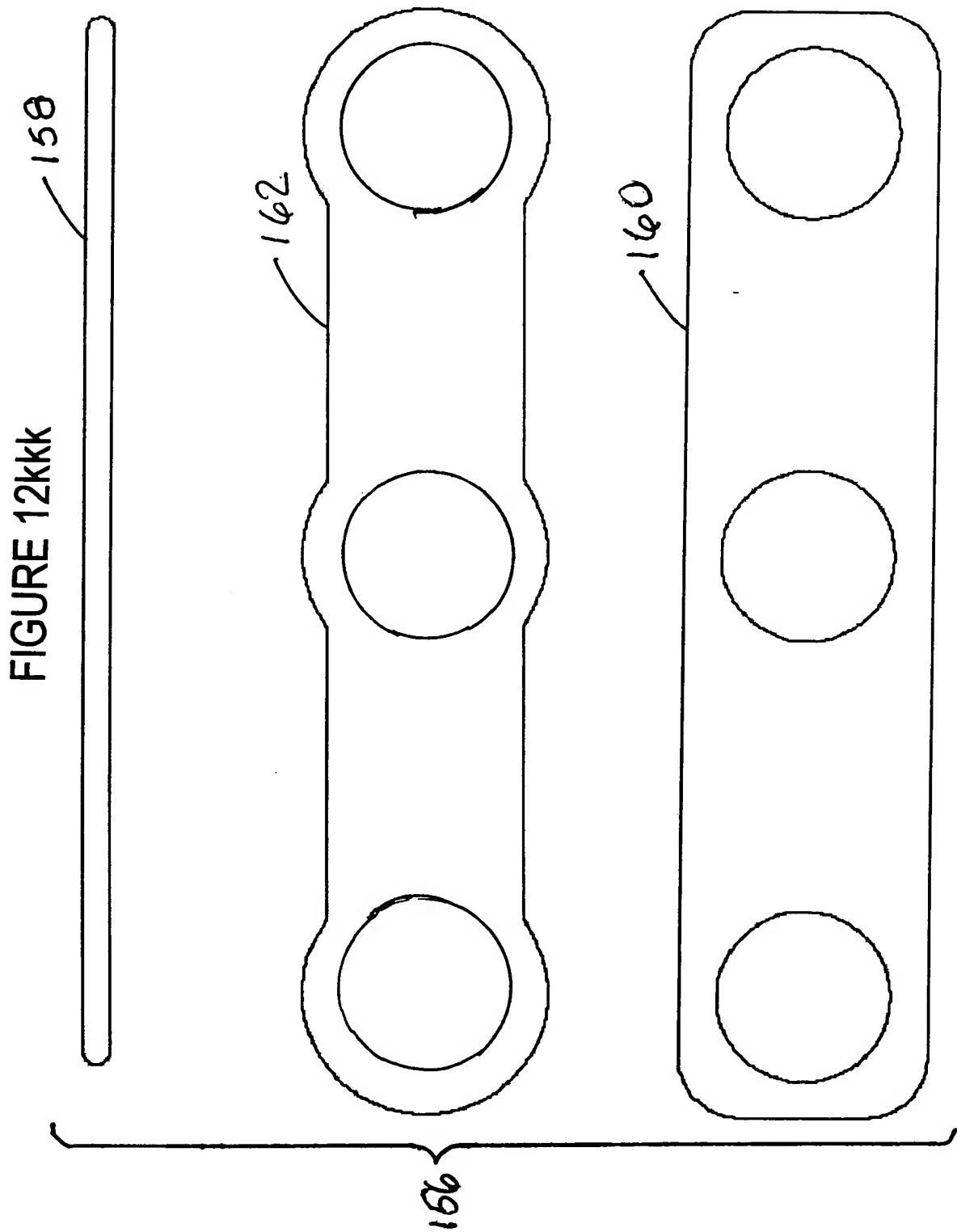


FIGURE 12KK

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216



Applicant: JEFFRY S. BENNIN et al.  
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For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

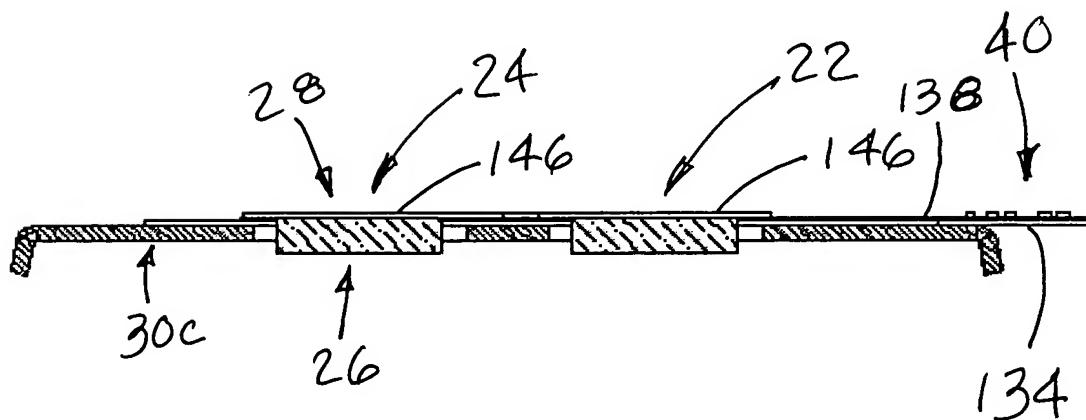


FIGURE 12I

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned.  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

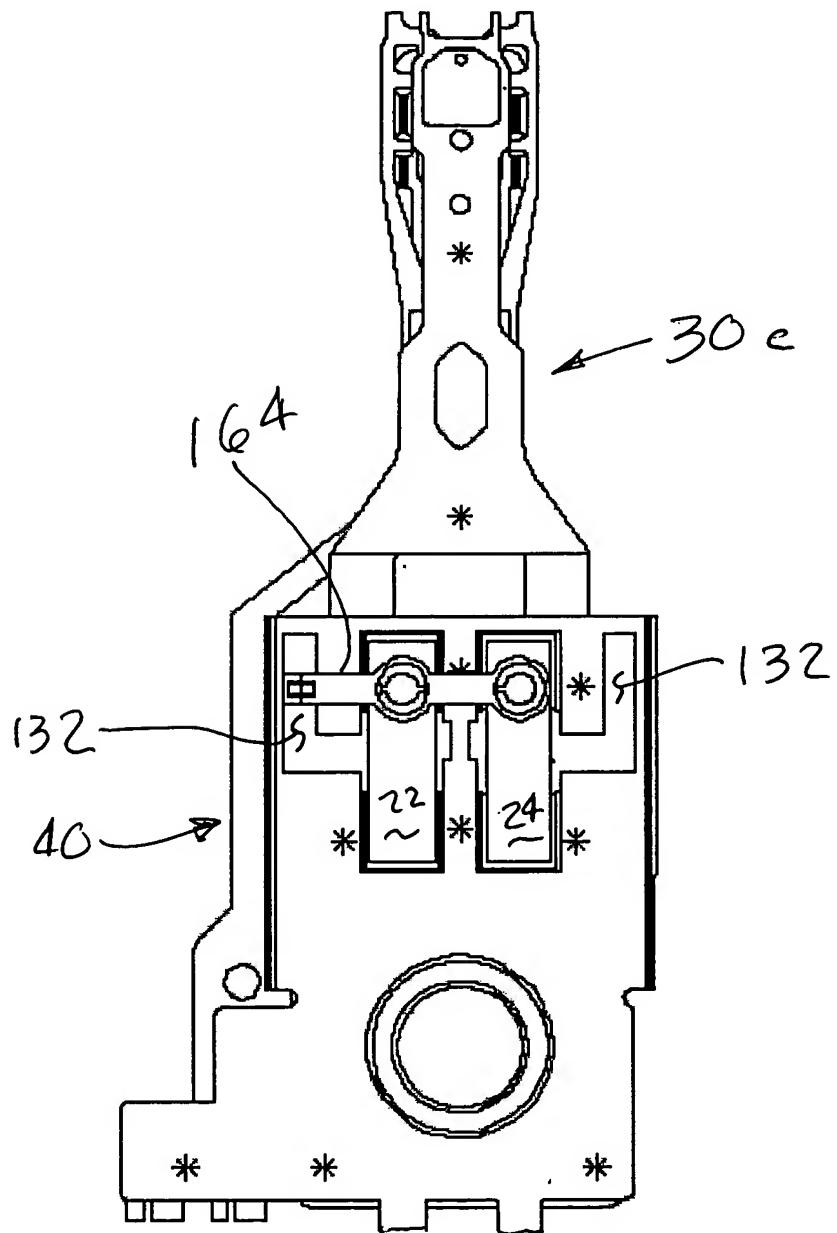


FIGURE 12m

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

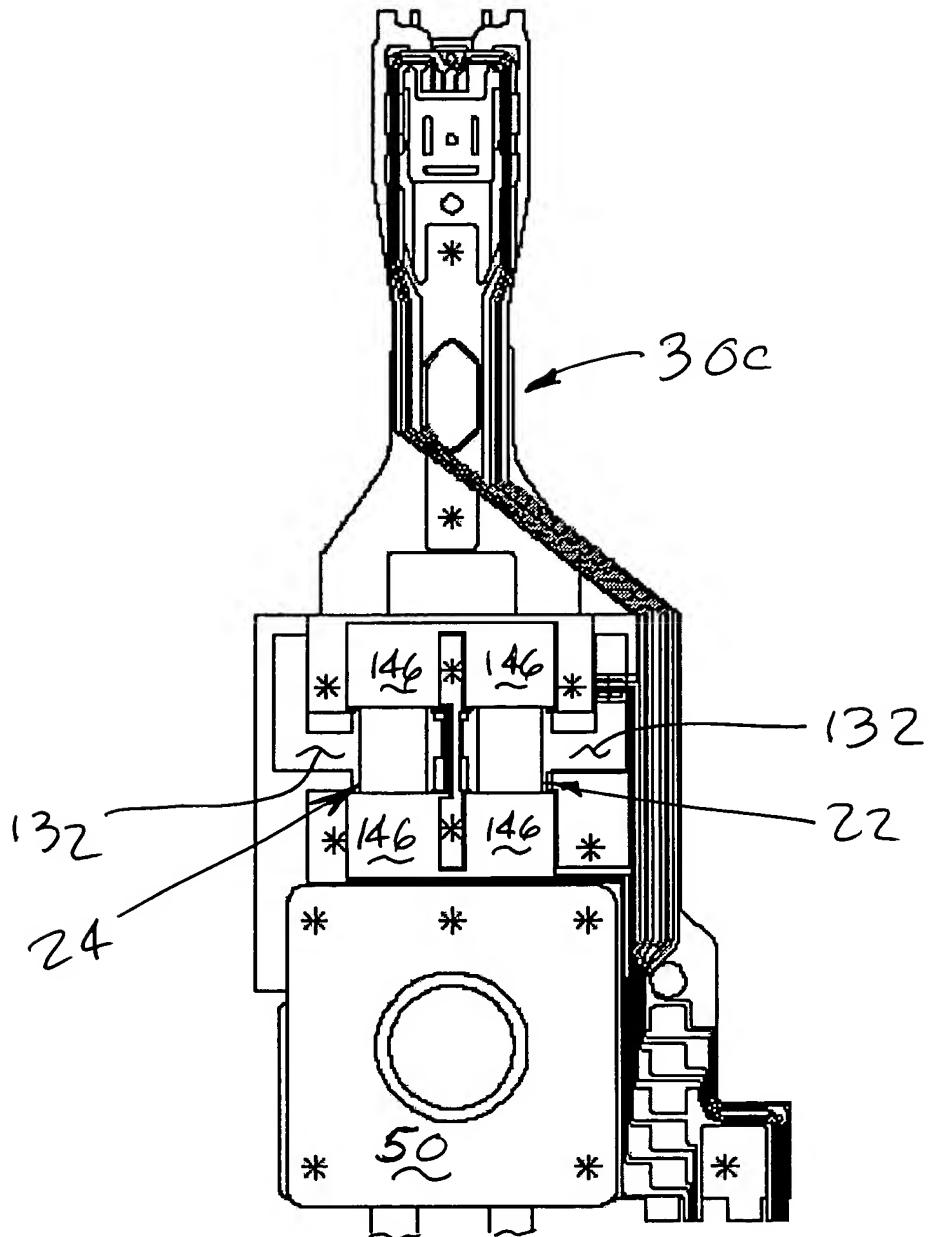


FIGURE 12n

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

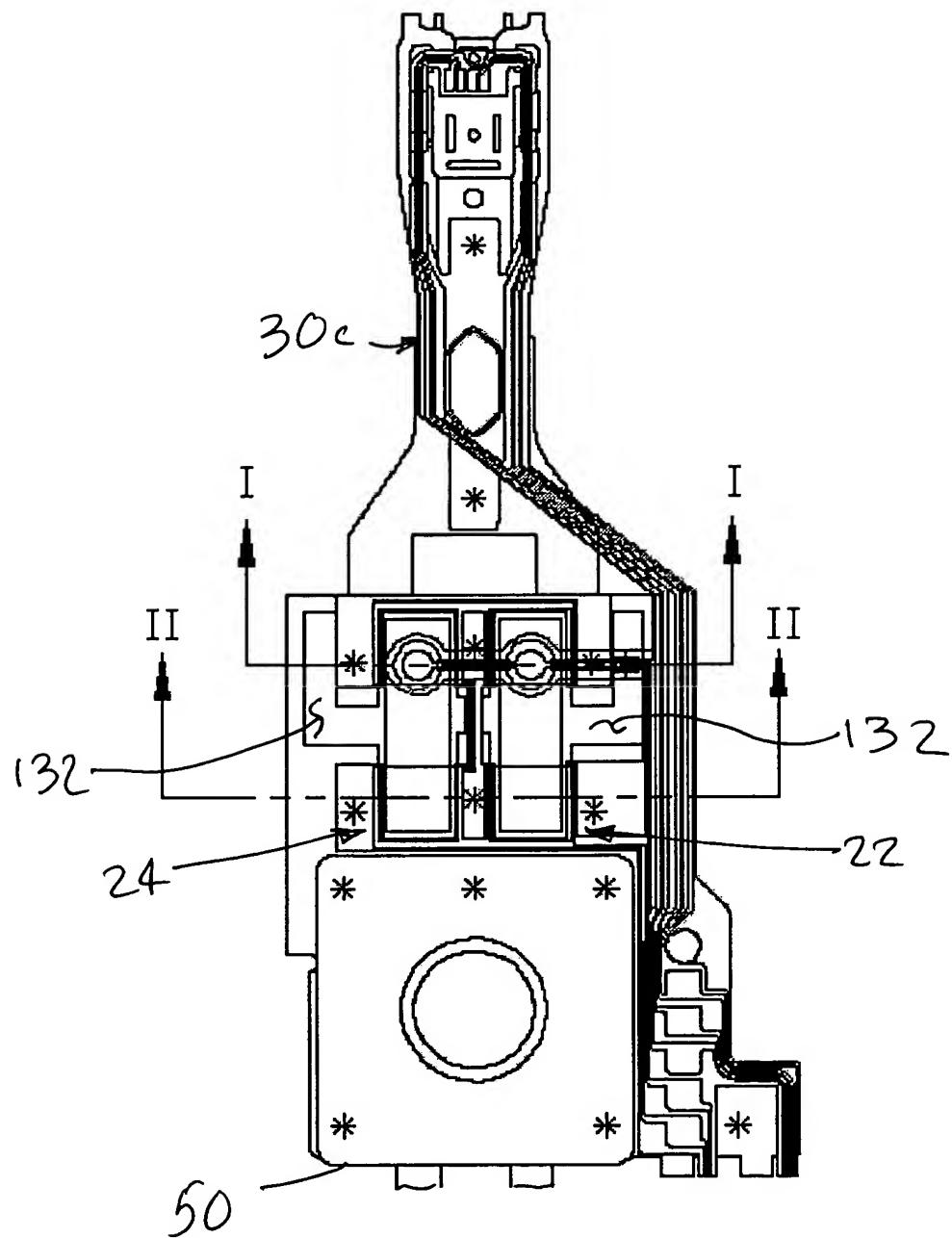


FIGURE 12o

Applicant: JEFFRY S. BENNIN et al.  
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Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

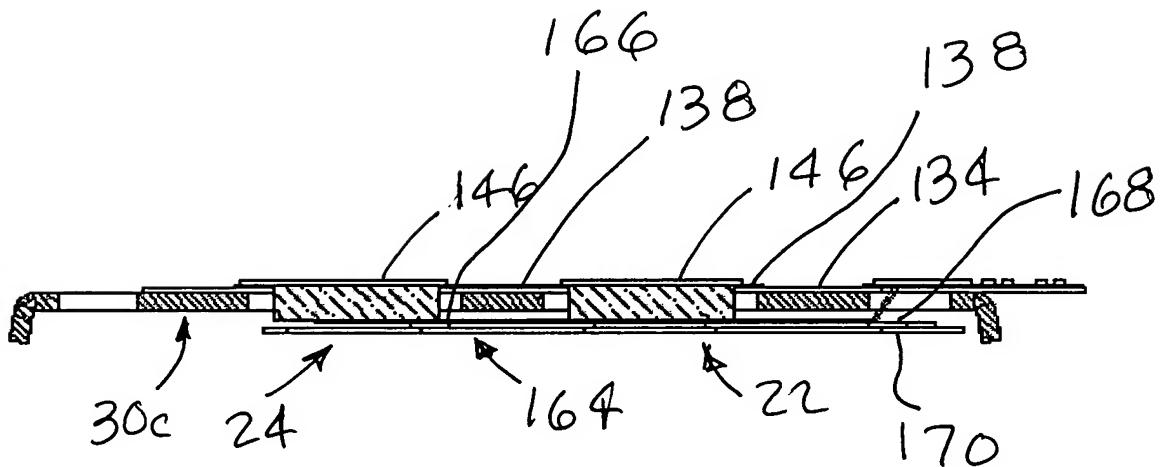


FIGURE 12p

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

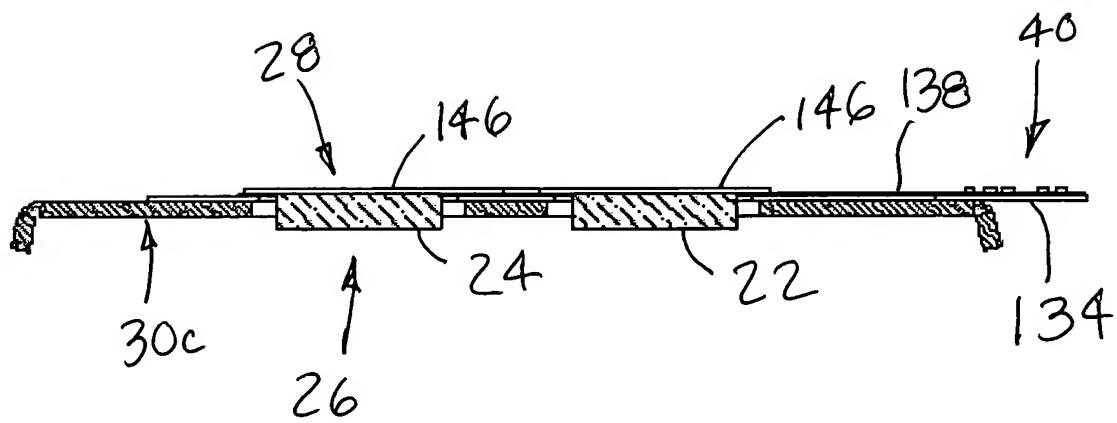


FIGURE 12q

Applicant: JEFFRY S. BENNIN et al.  
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Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

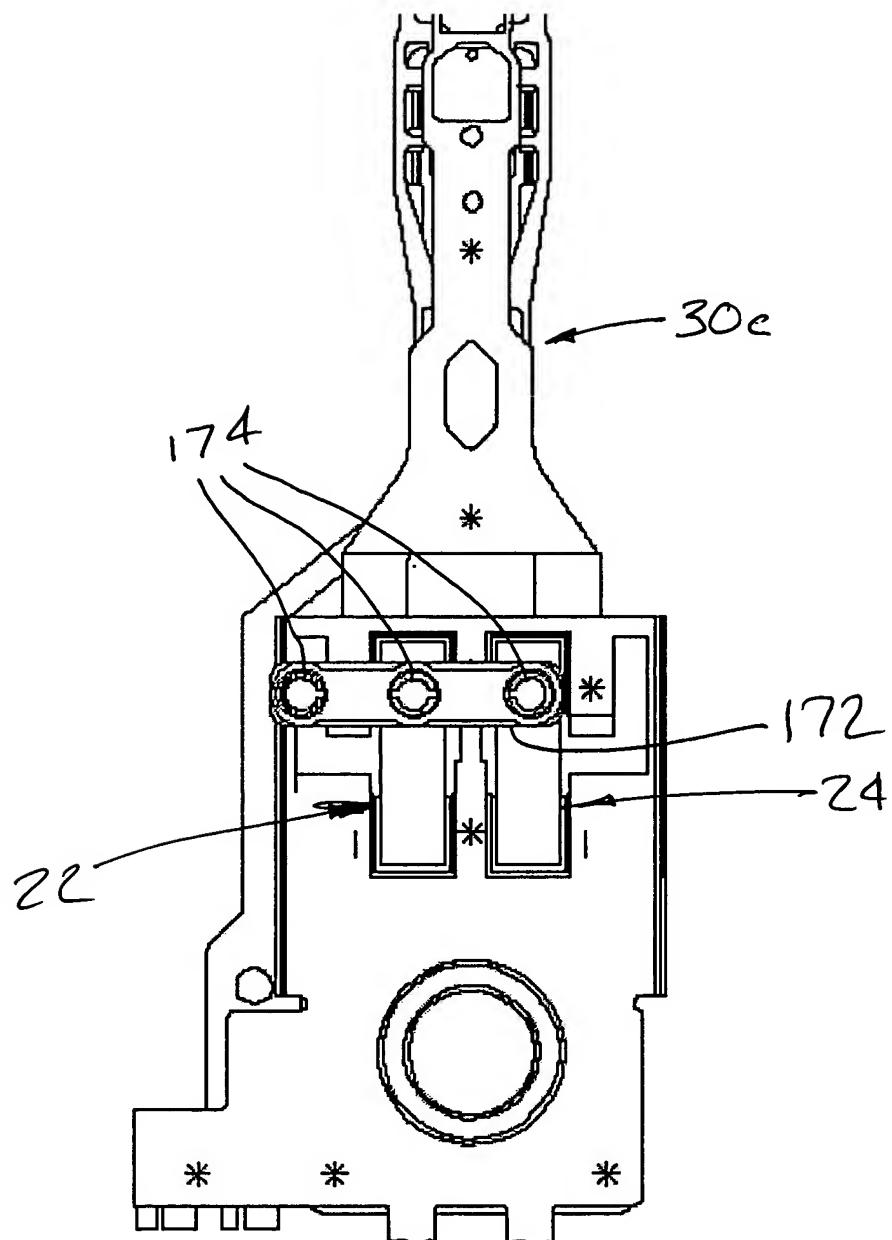


FIGURE 12r

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

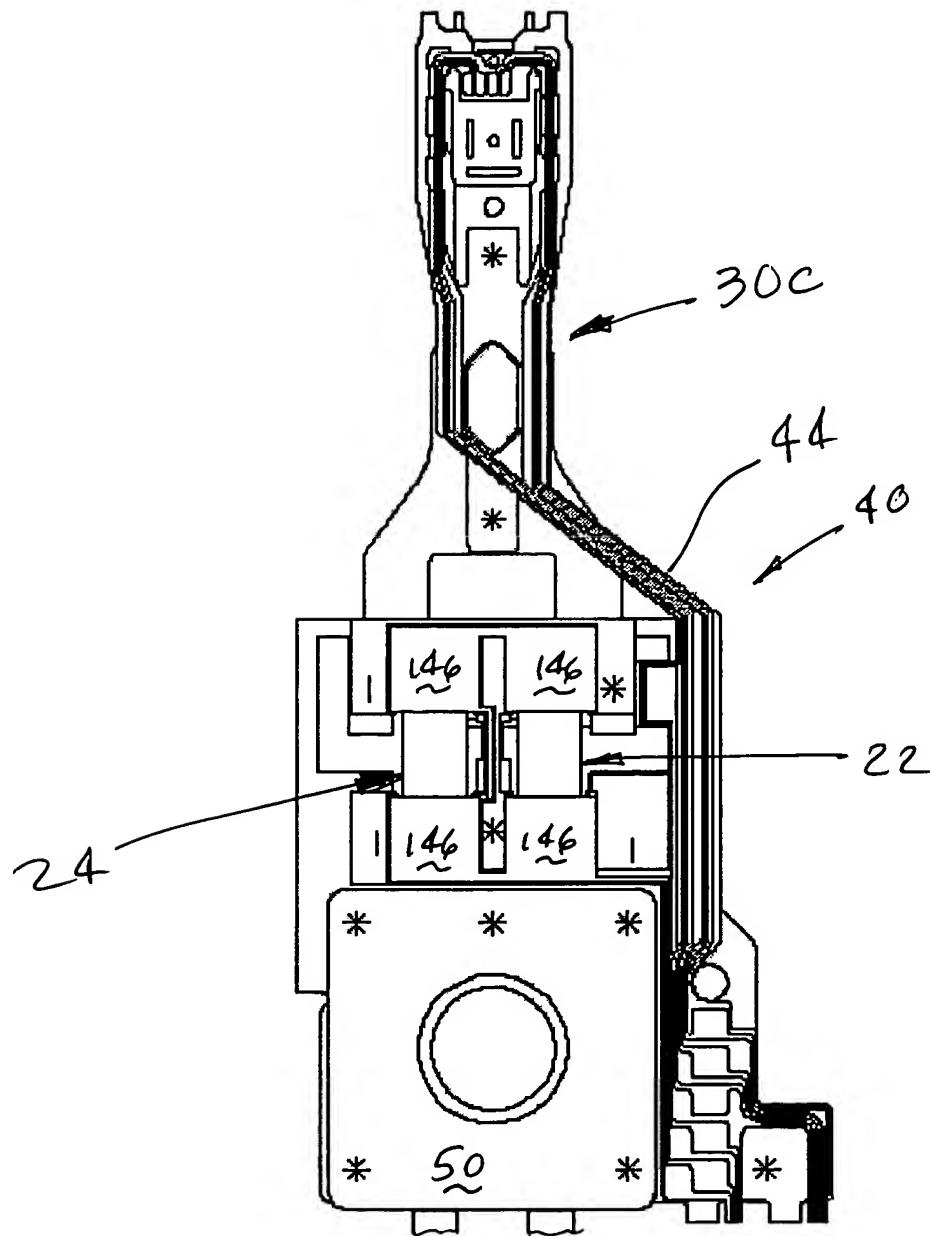


FIGURE 12s

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

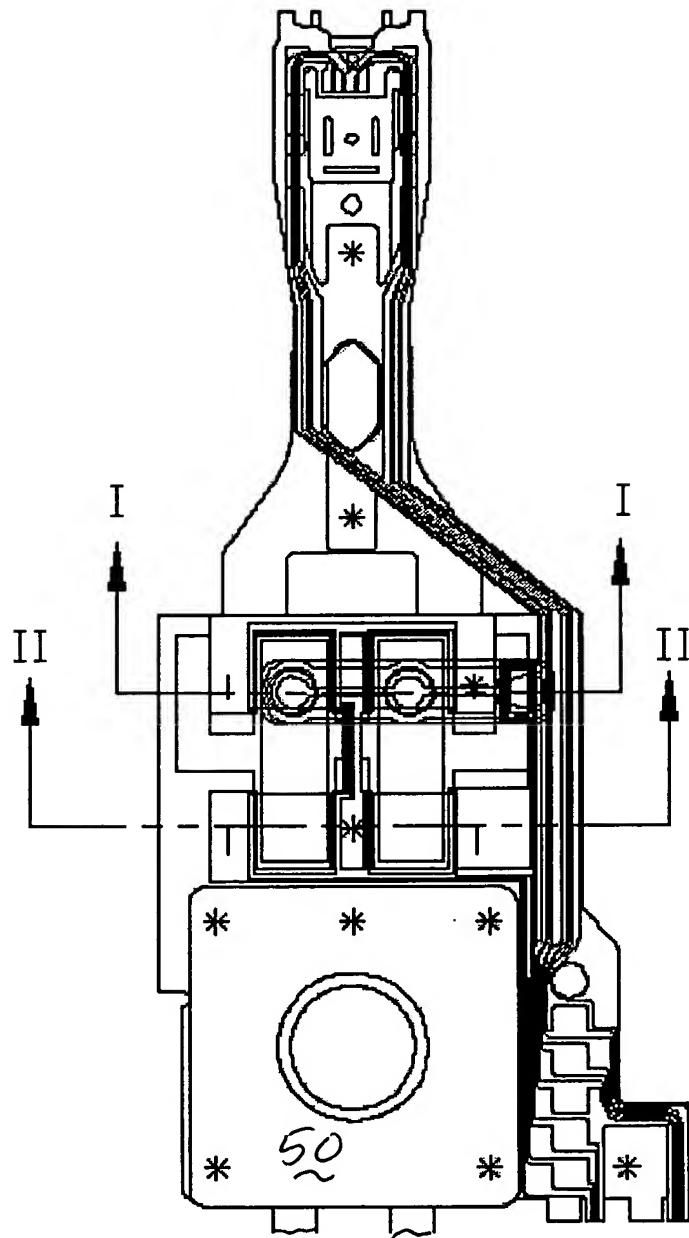


FIGURE 12t

Applicant: JEFFRY S. BENNIN et al.  
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For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

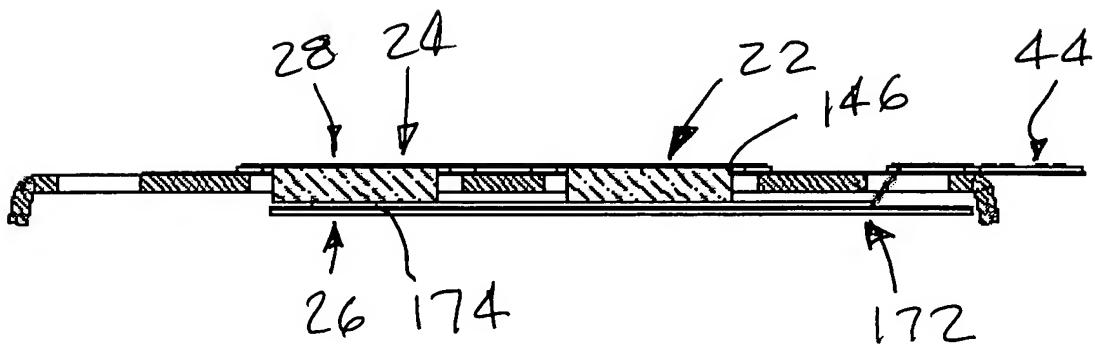


FIGURE 12u

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

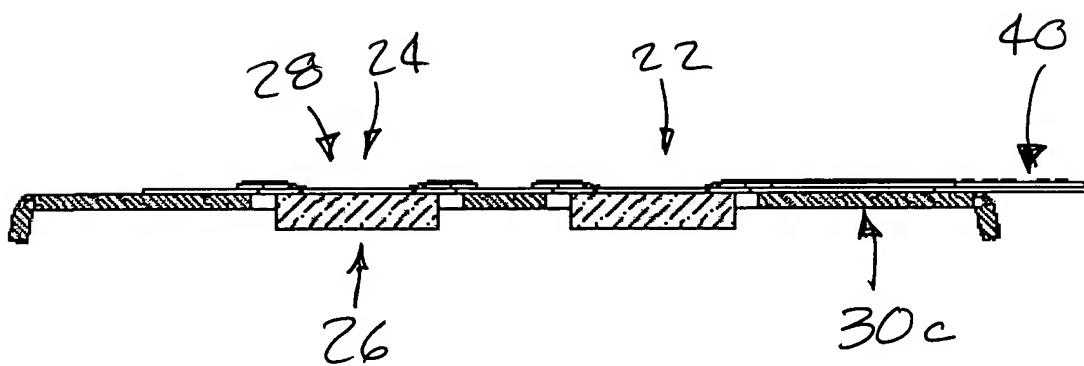
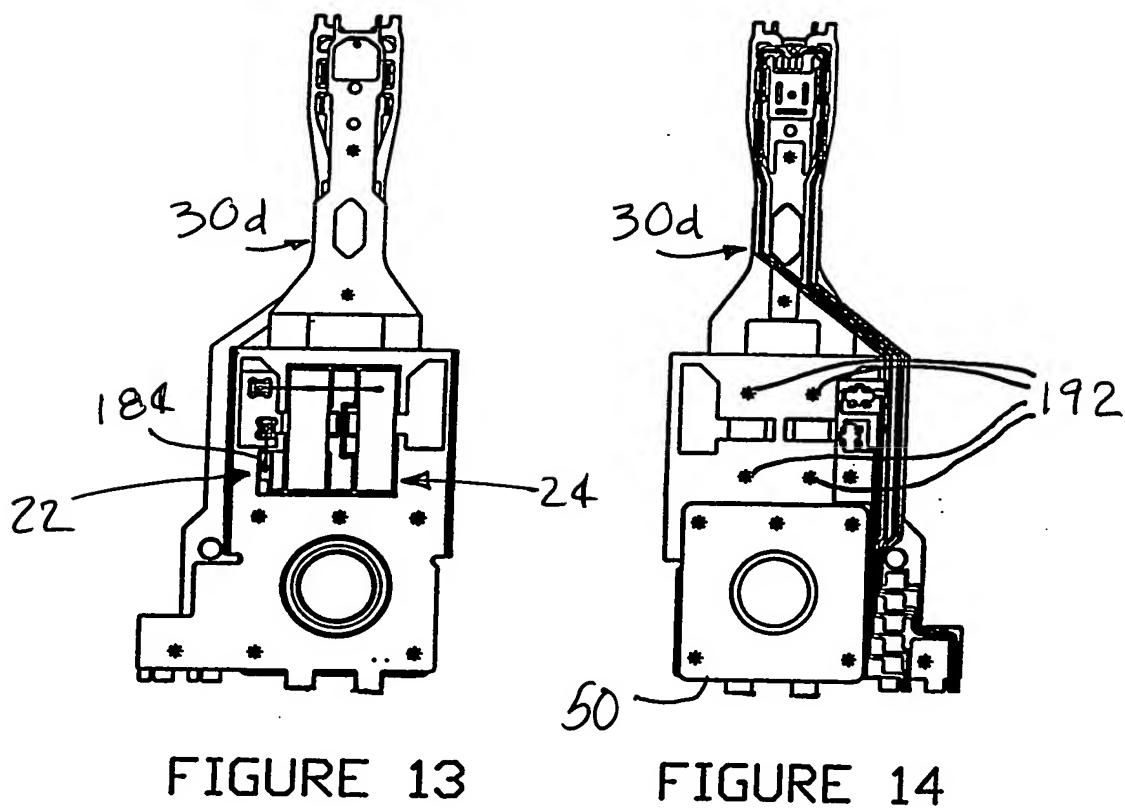


FIGURE 12v

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216



Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

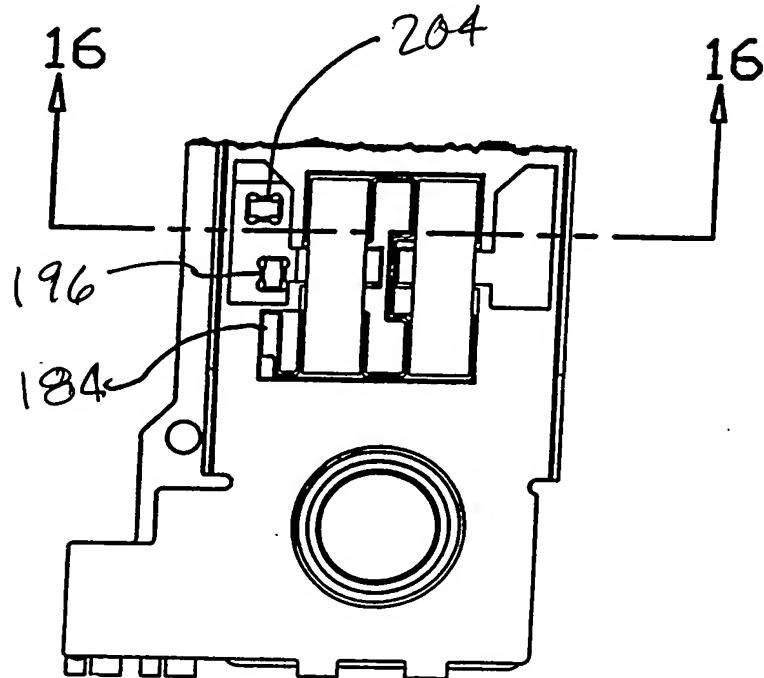


FIGURE 15

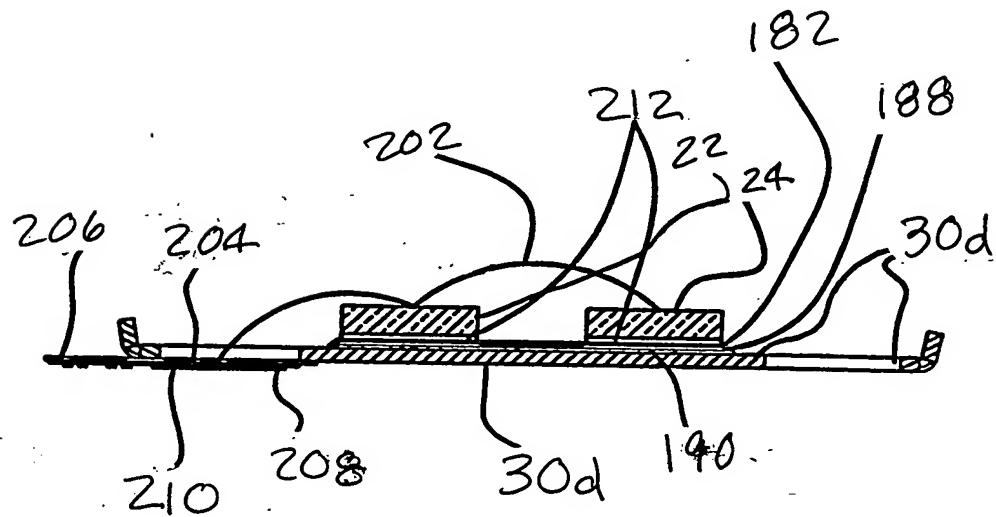


FIGURE 16

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

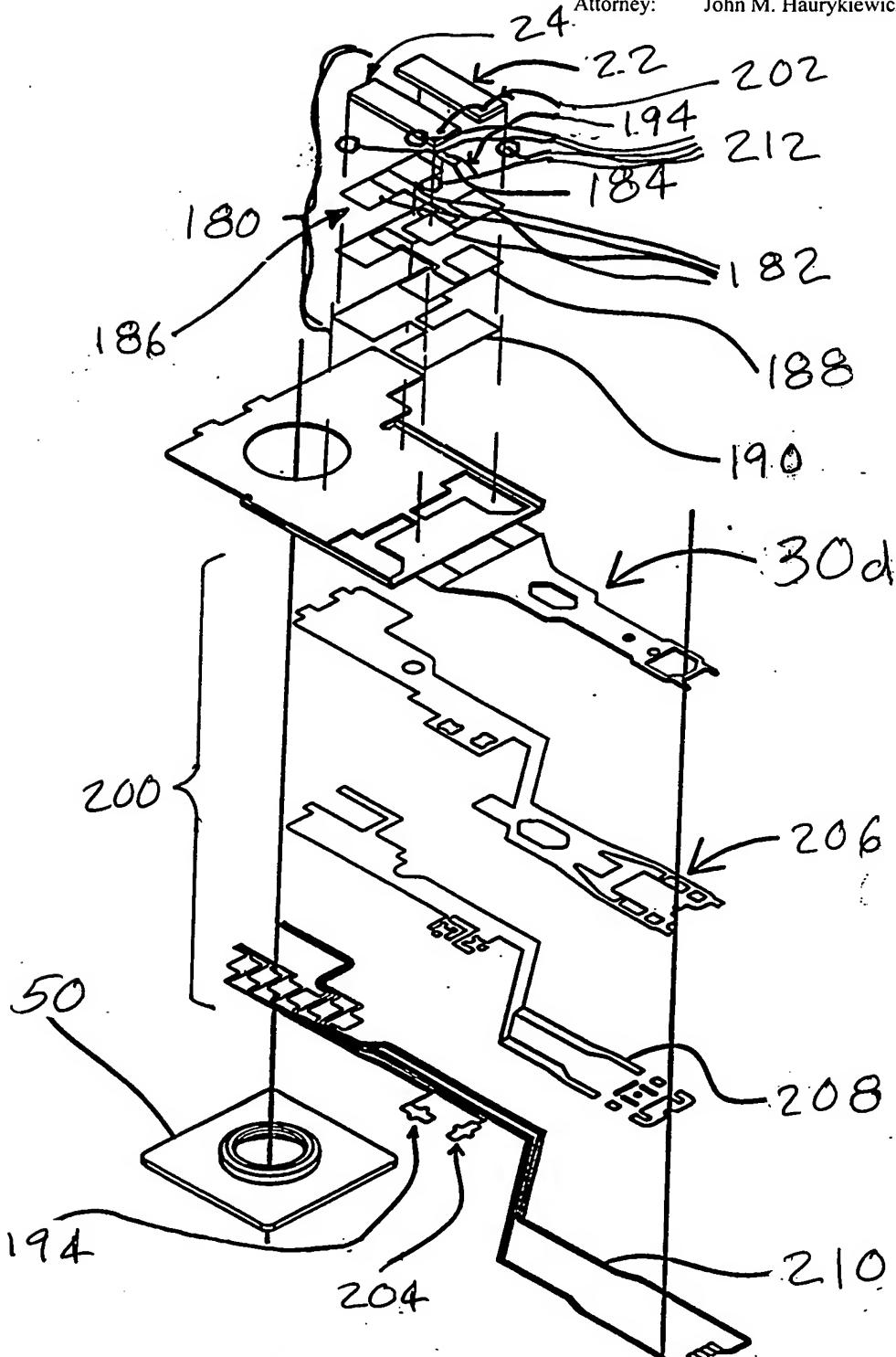


FIGURE 17

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

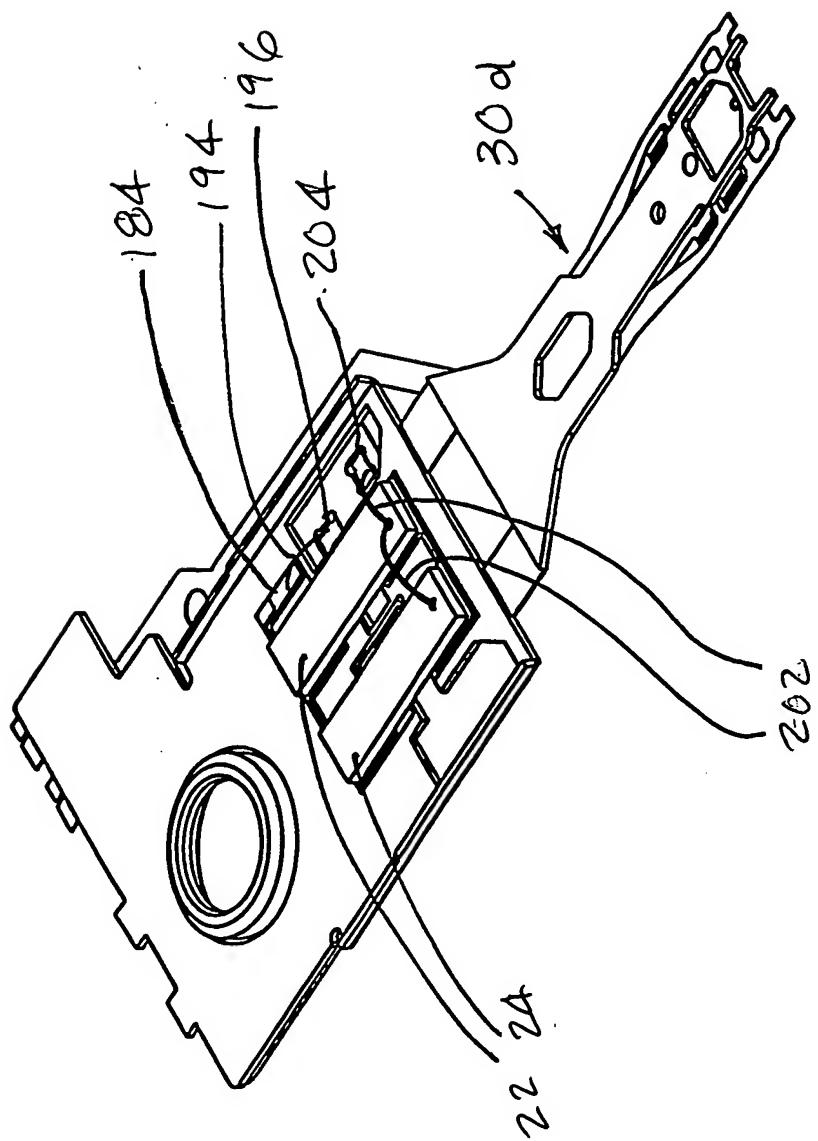


FIGURE 18

Applicant: JEFFRY S. BENNIN et al.  
Serial No.: To Be Assigned  
For: DIFFERENTIAL ACTUATION OF DUAL STAGE  
ACTUATOR SUSPENSIONS  
Docket No.: 17310-293732  
Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

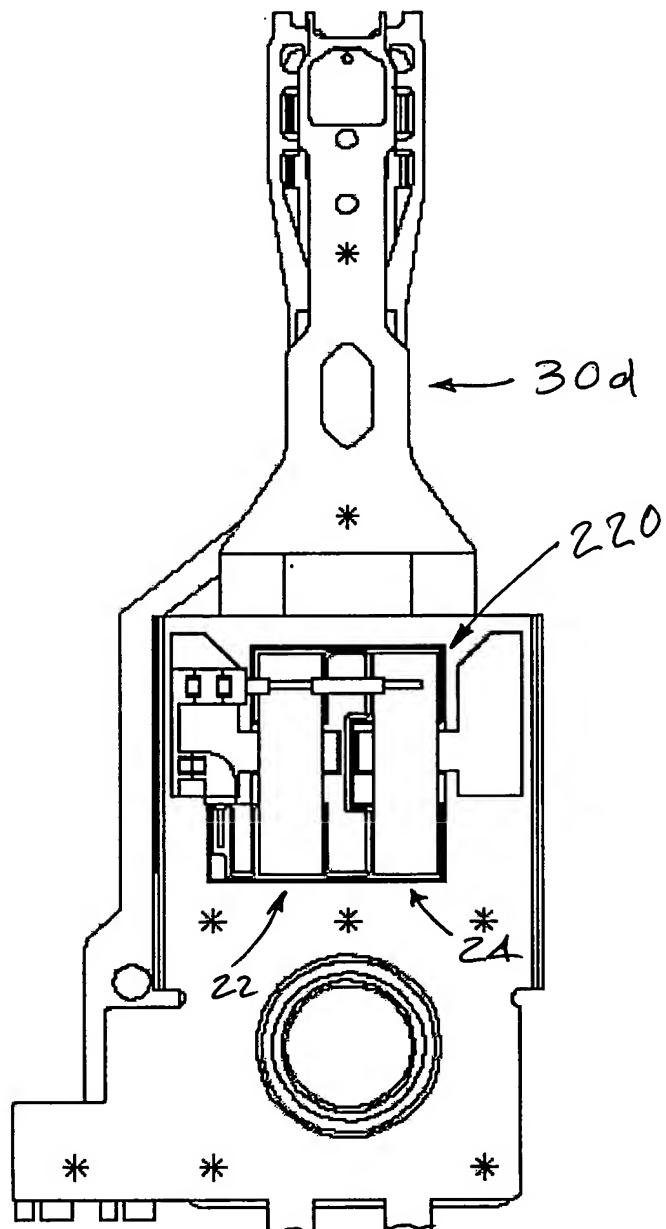


FIGURE 18a

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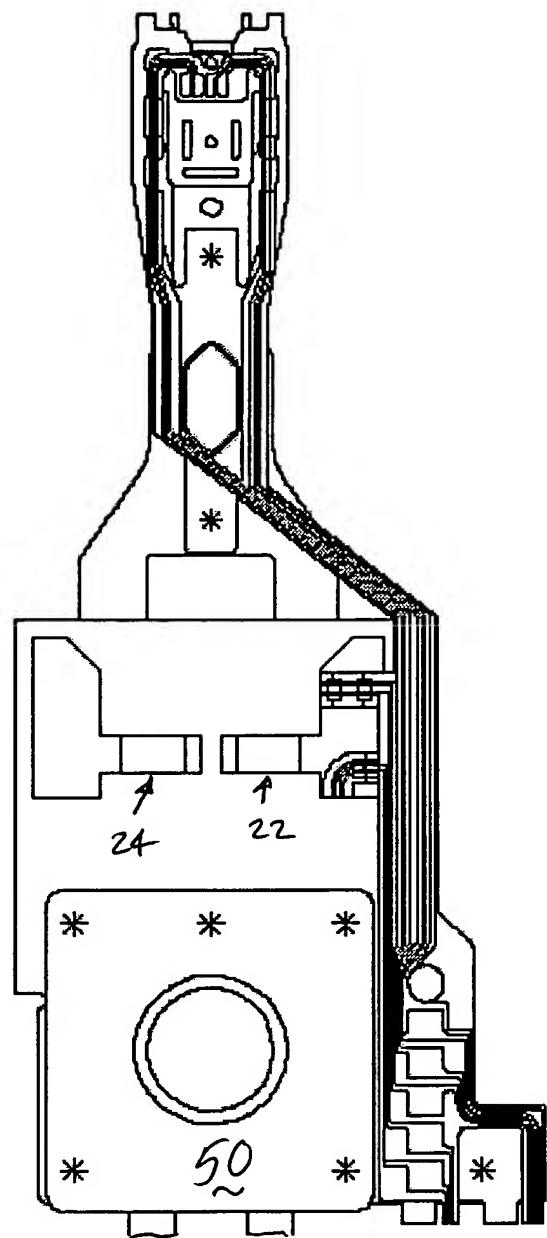


FIGURE 18b

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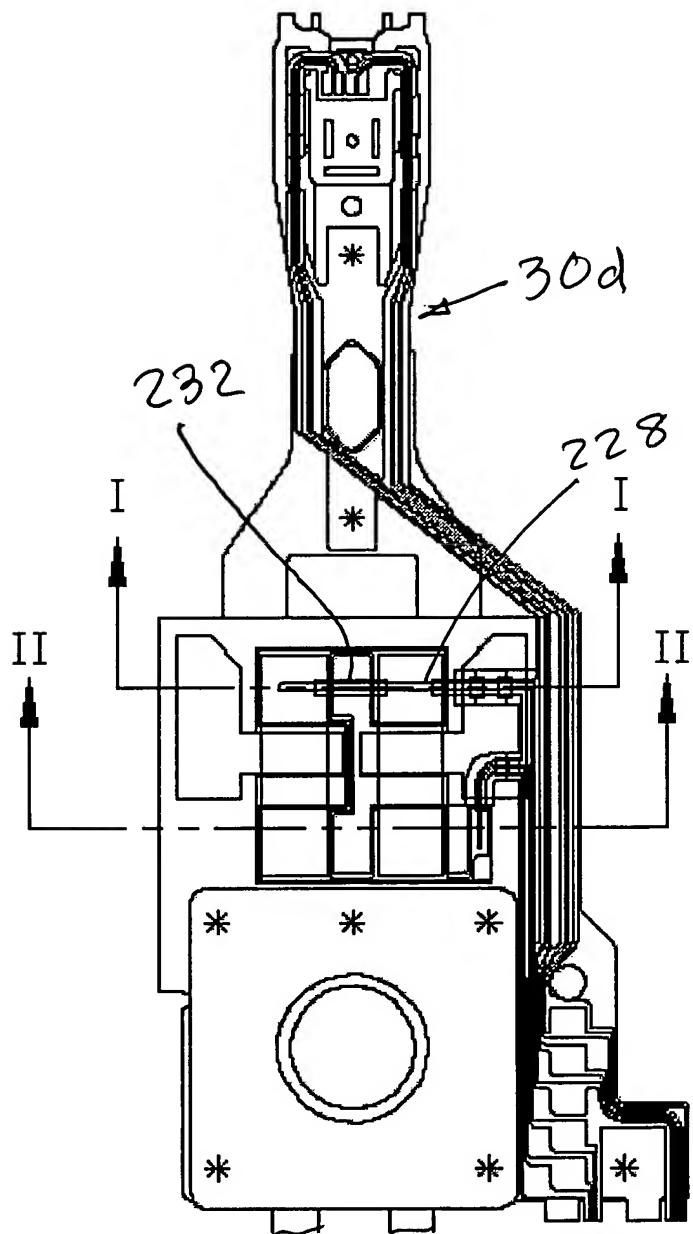


FIGURE 18c

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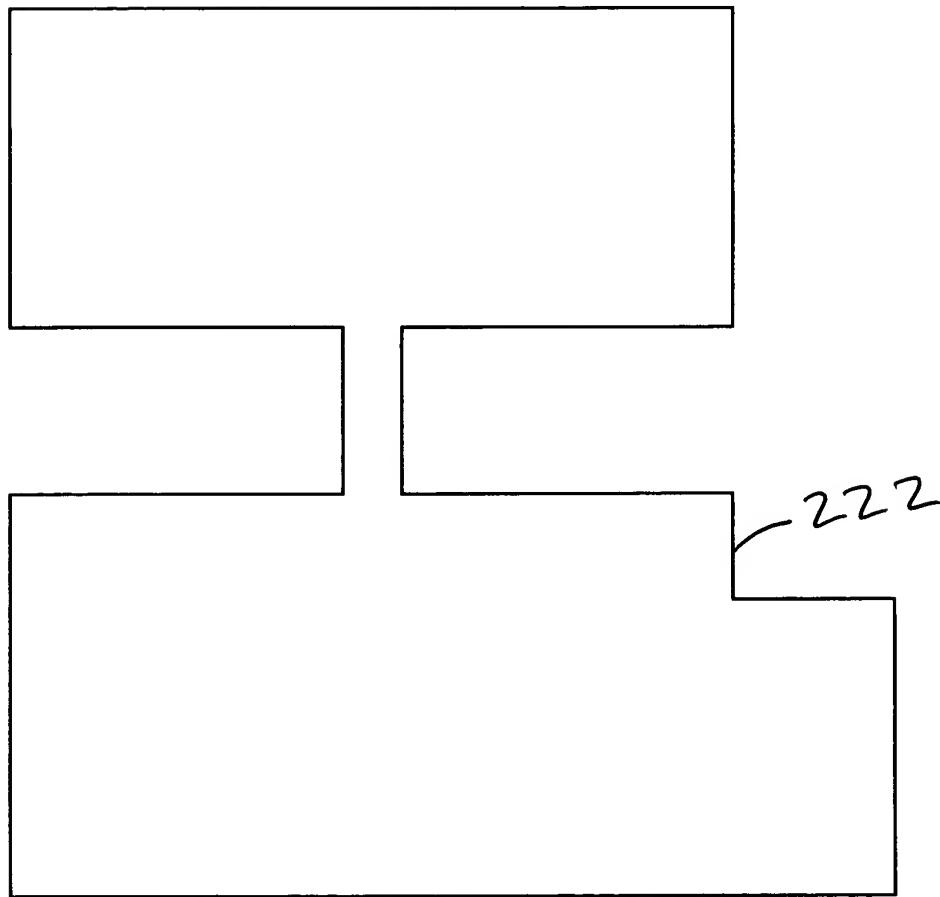


FIGURE 18cc

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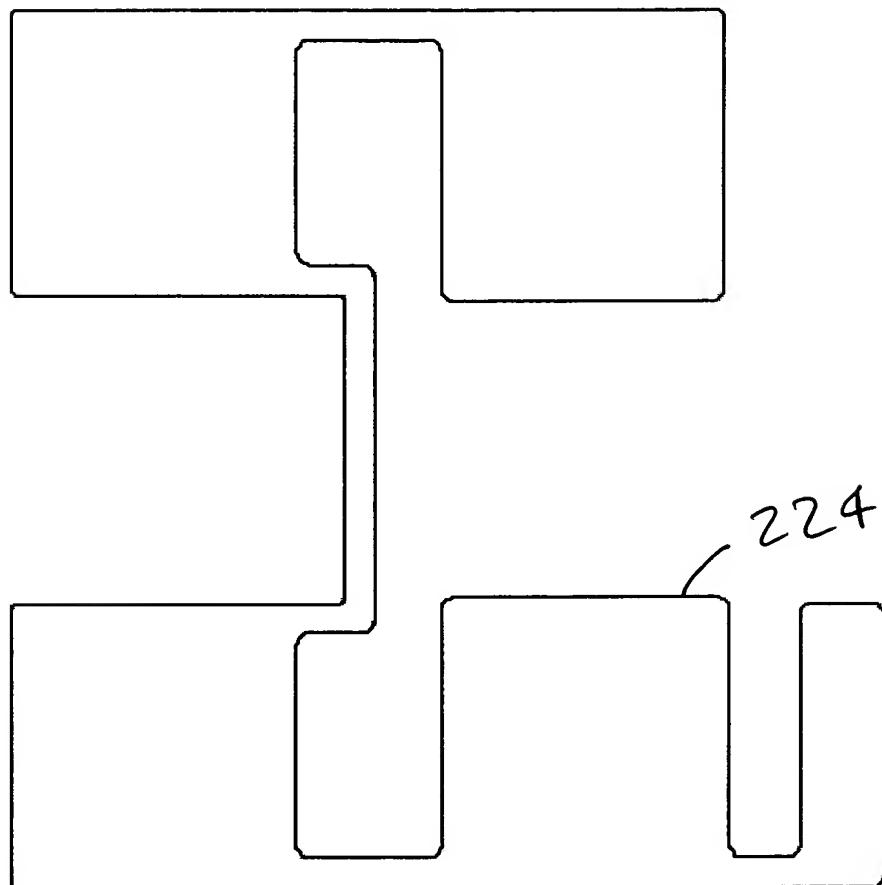


FIGURE 18ccc

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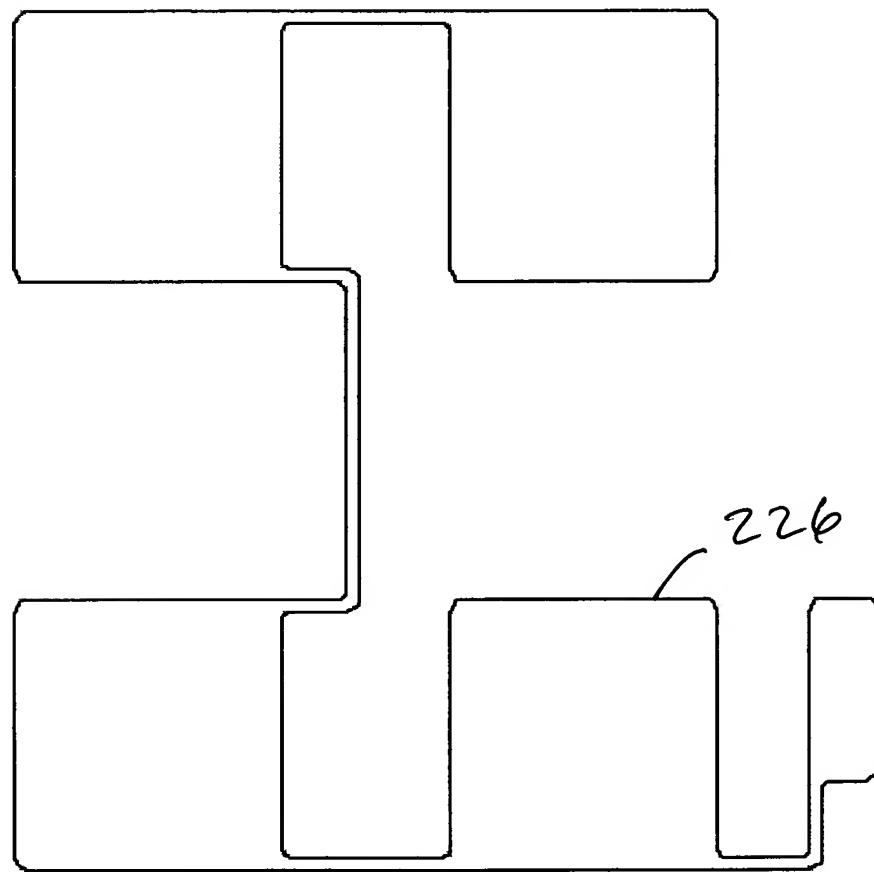


FIGURE 18cccc

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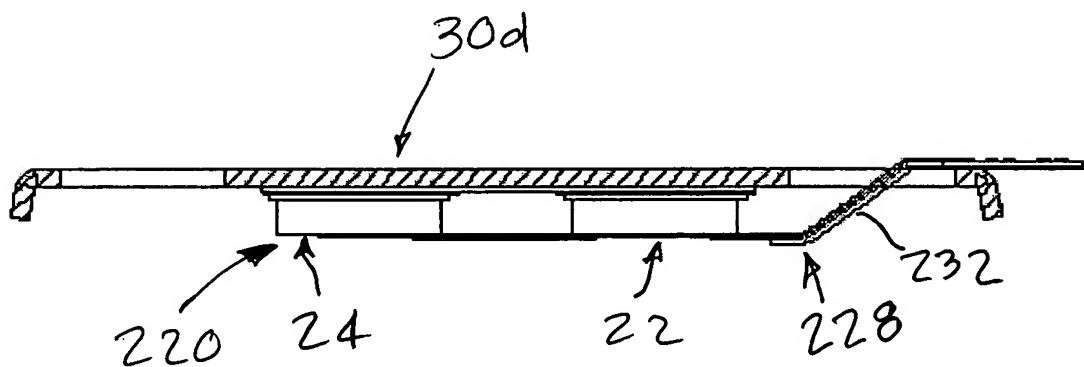


FIGURE 18d

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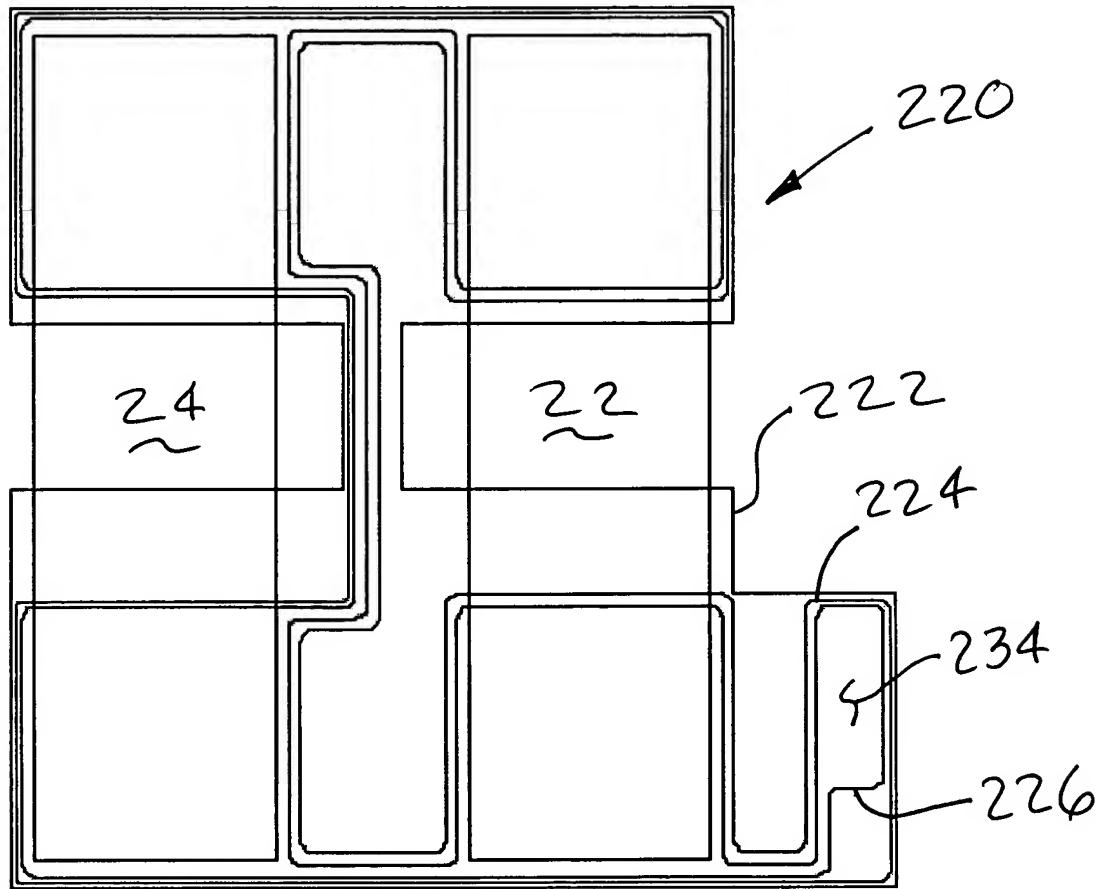


FIGURE 18dd

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Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

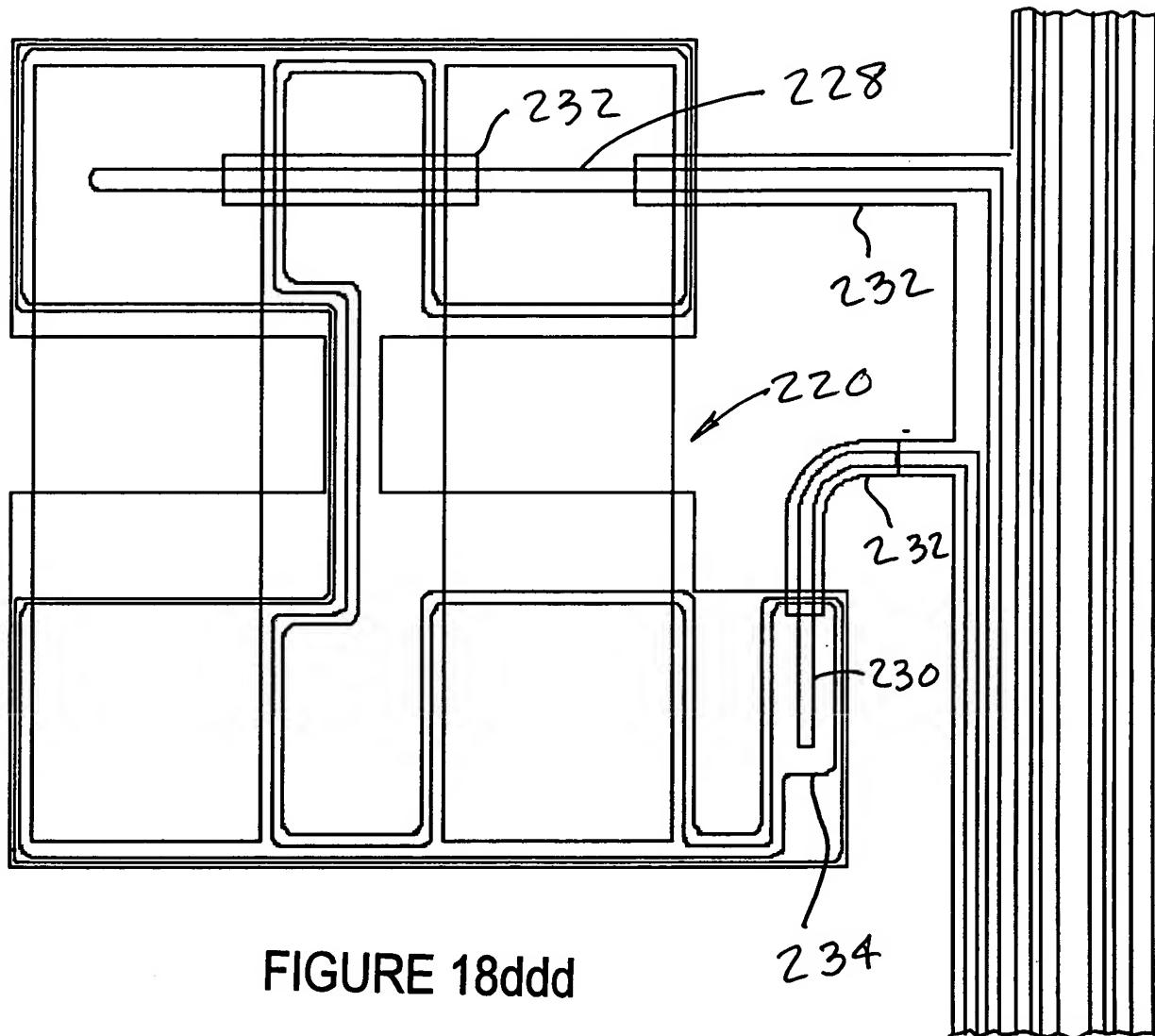


FIGURE 18ddd

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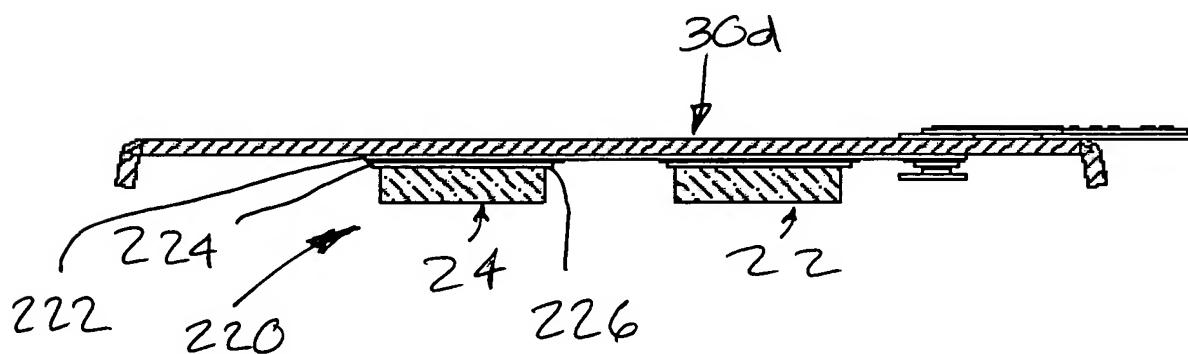


FIGURE 18e

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Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

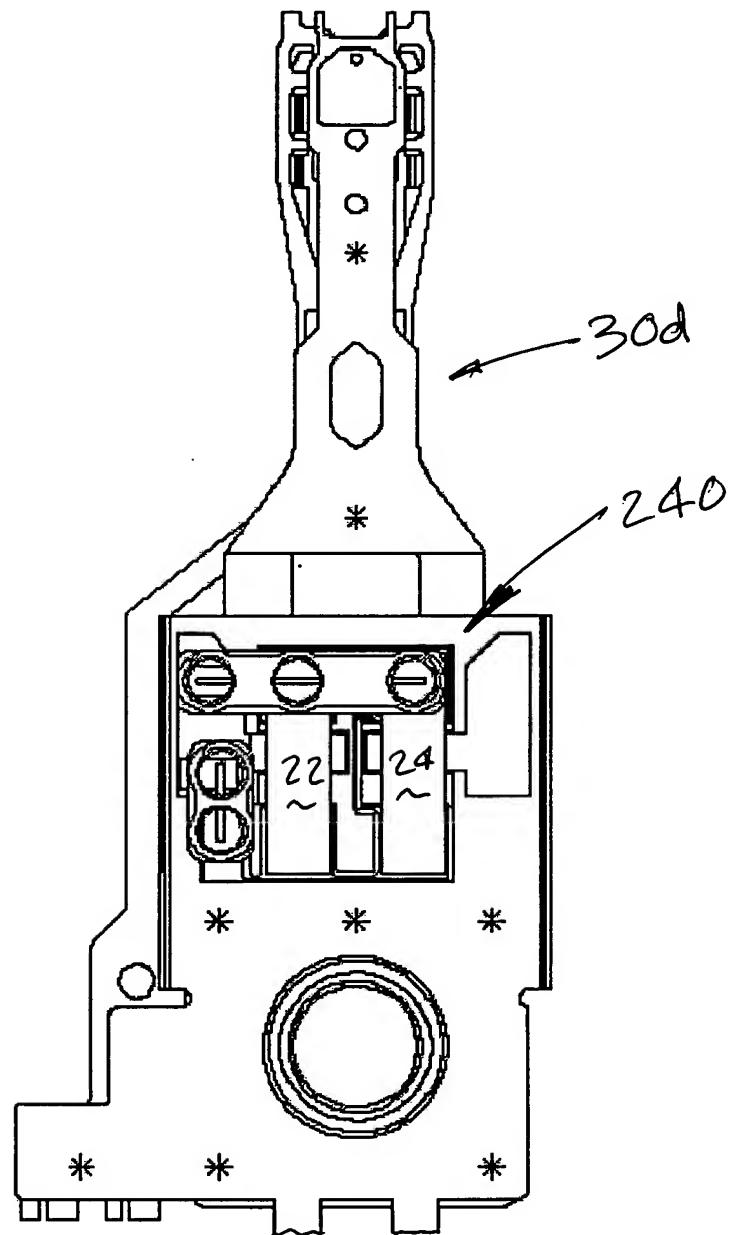


FIGURE 18f

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Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

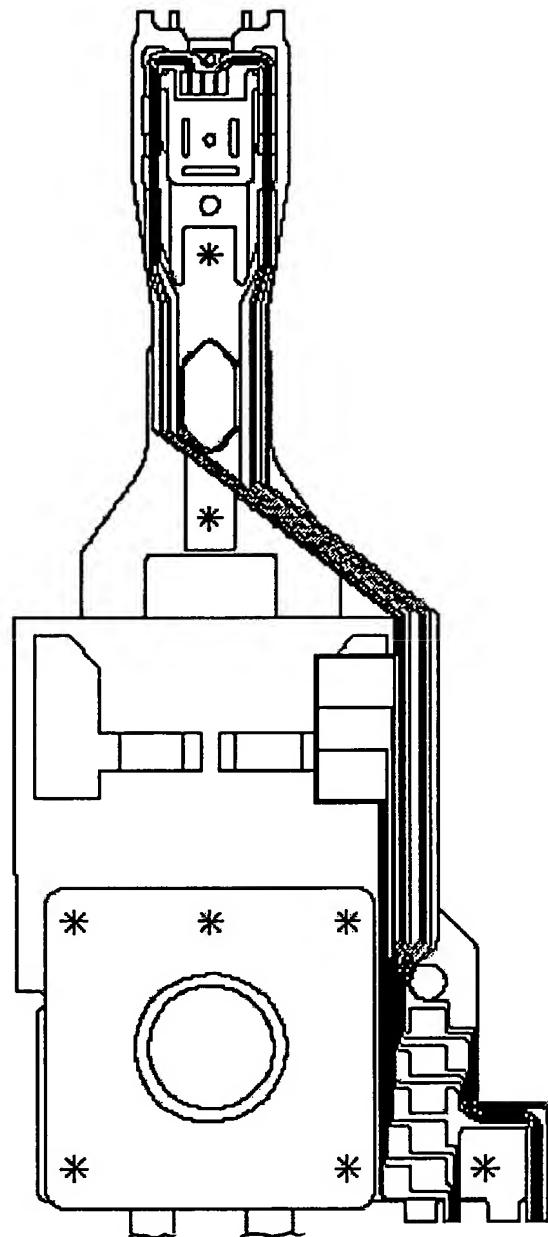


FIGURE 18g

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Attorney: John M. Haurykiewicz, #29,311, telephone 612/766-8216

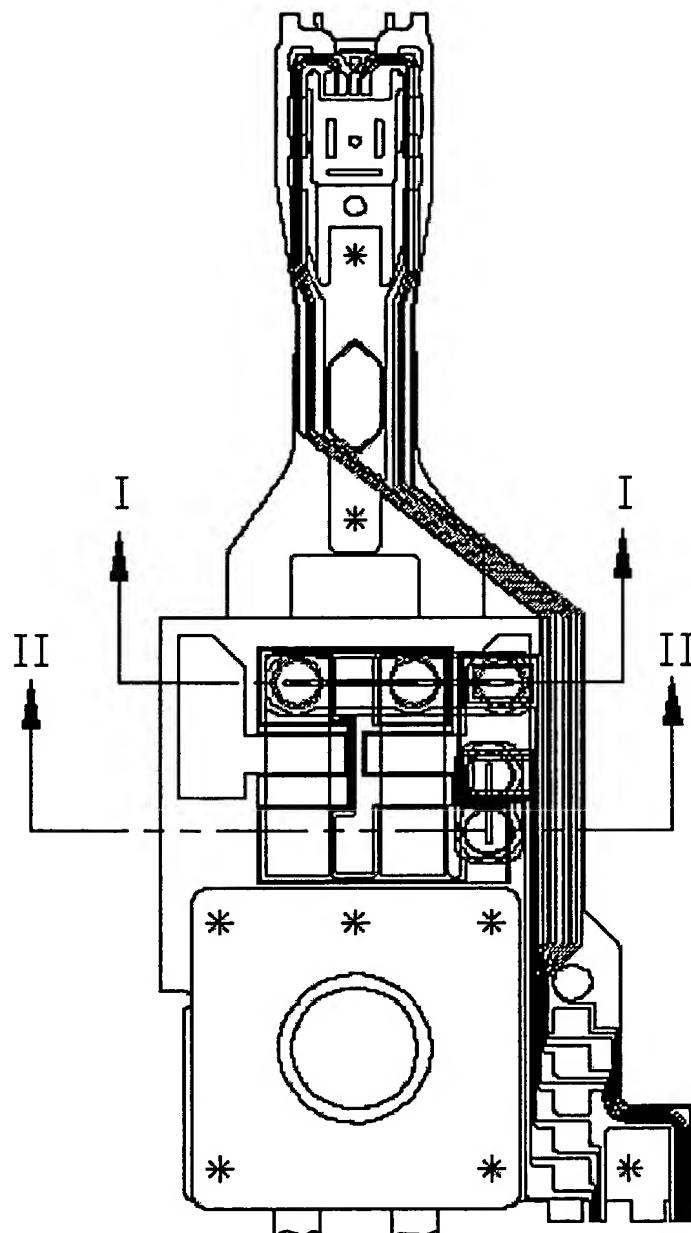
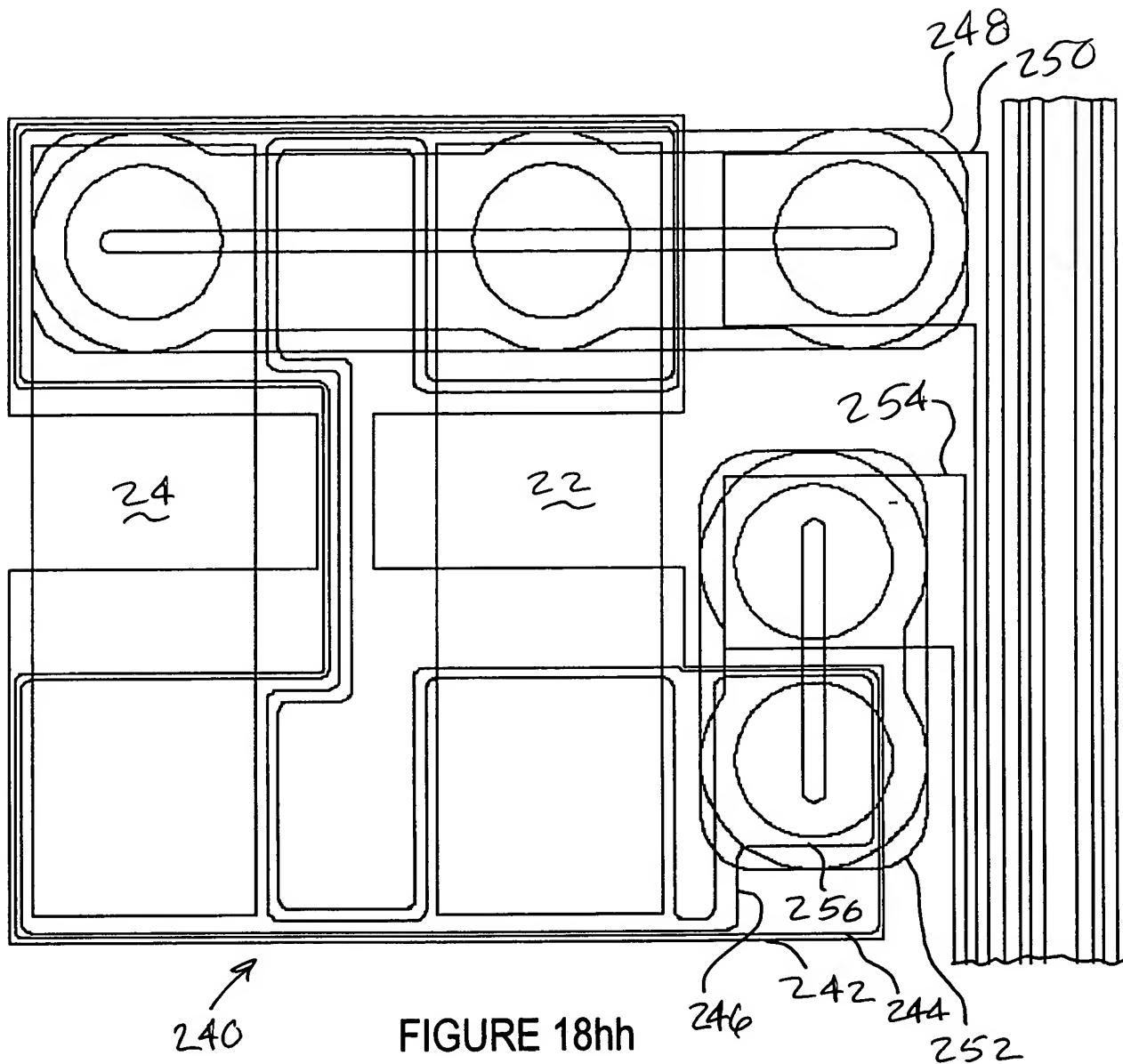


FIGURE 18h

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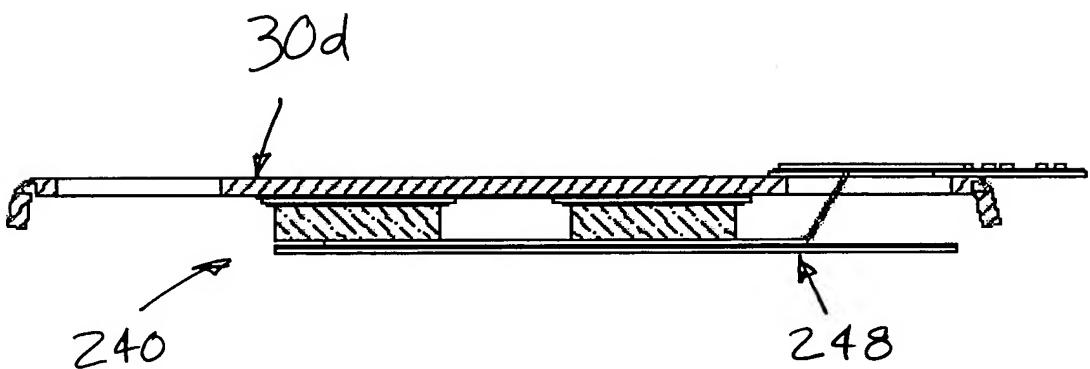


FIGURE 18i

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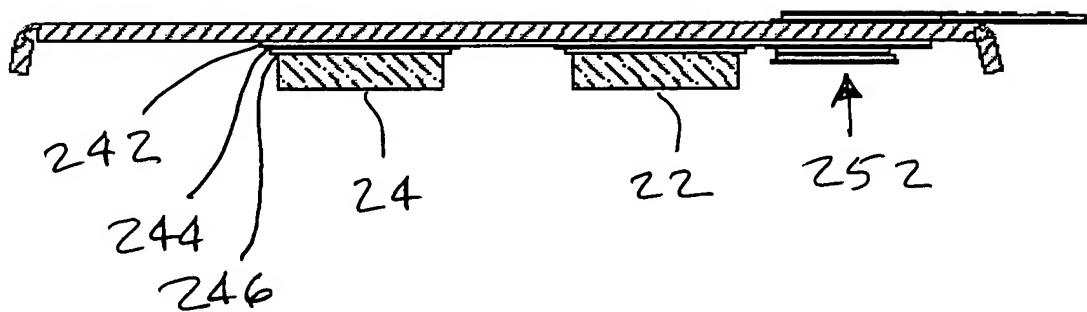


FIGURE 18J

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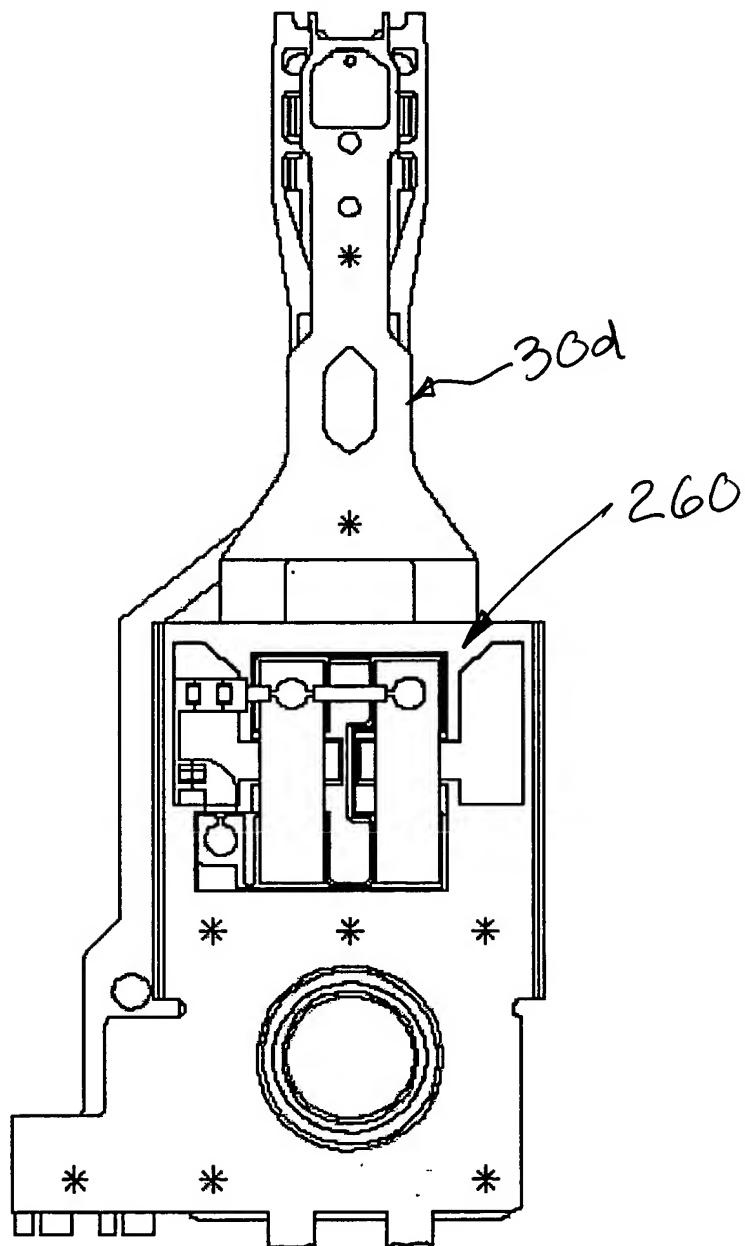
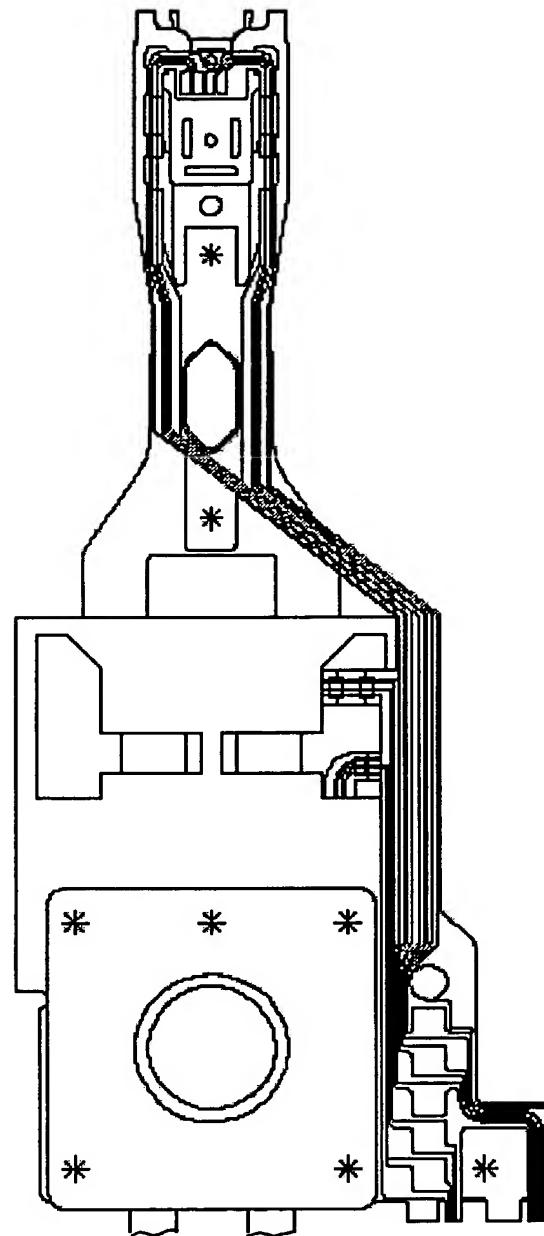


FIGURE 18k

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**FIGURE 18I**

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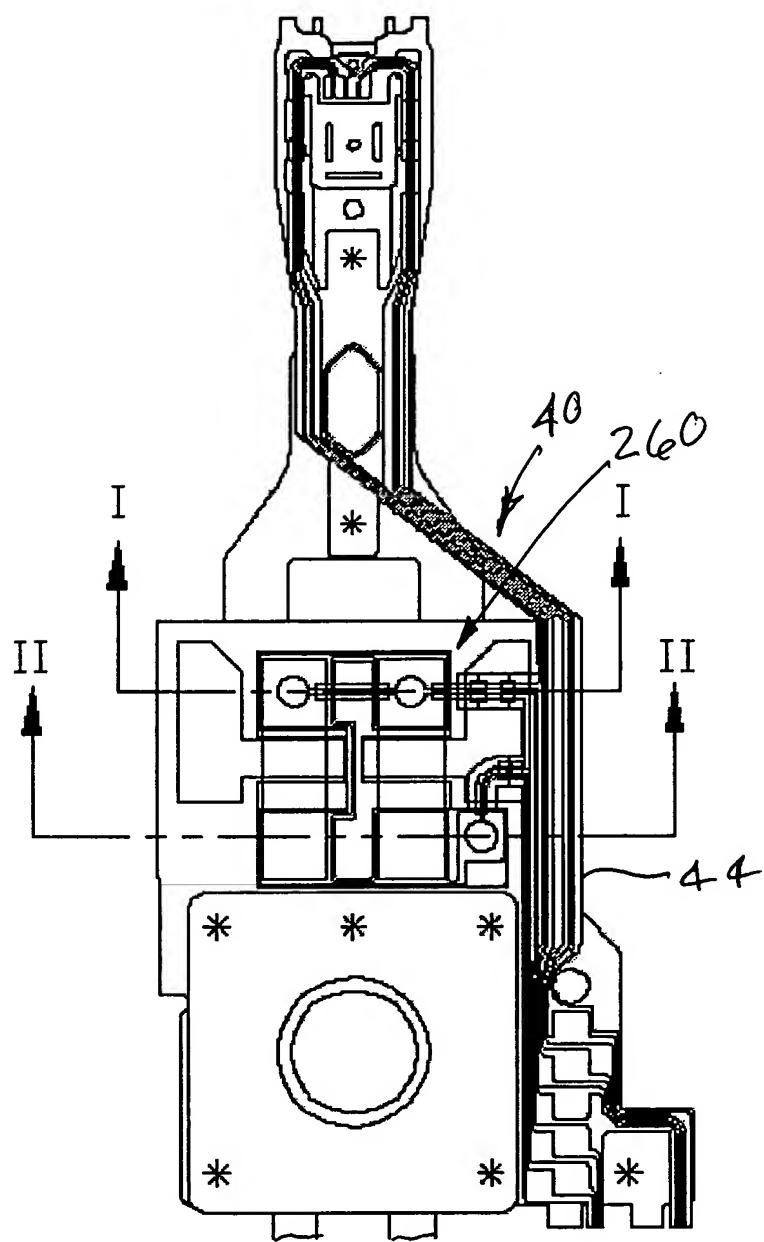
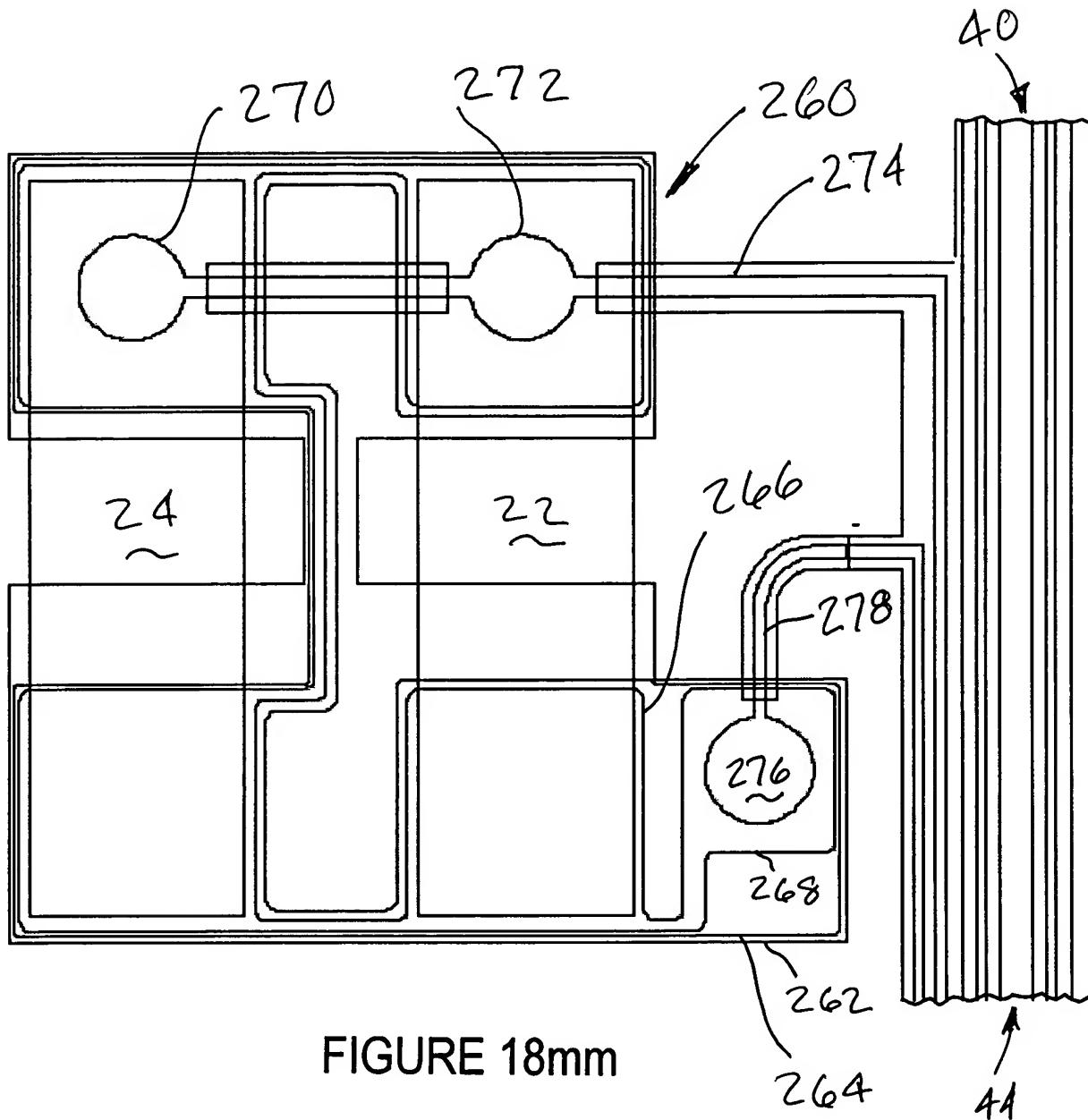


FIGURE 18m

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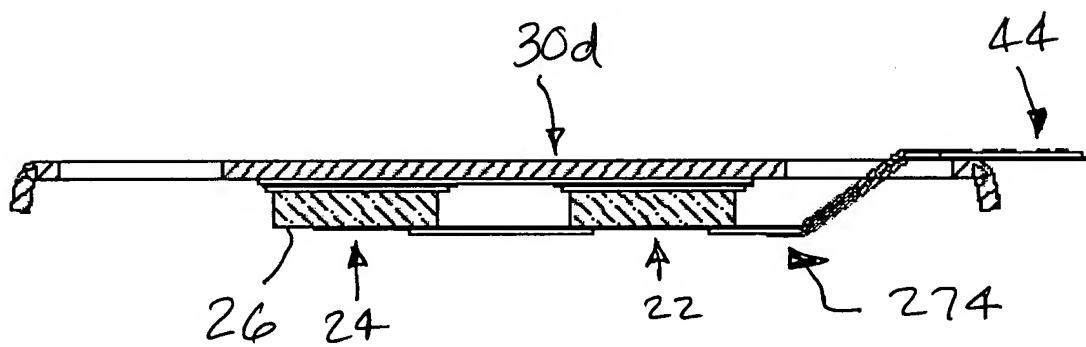


FIGURE 18n

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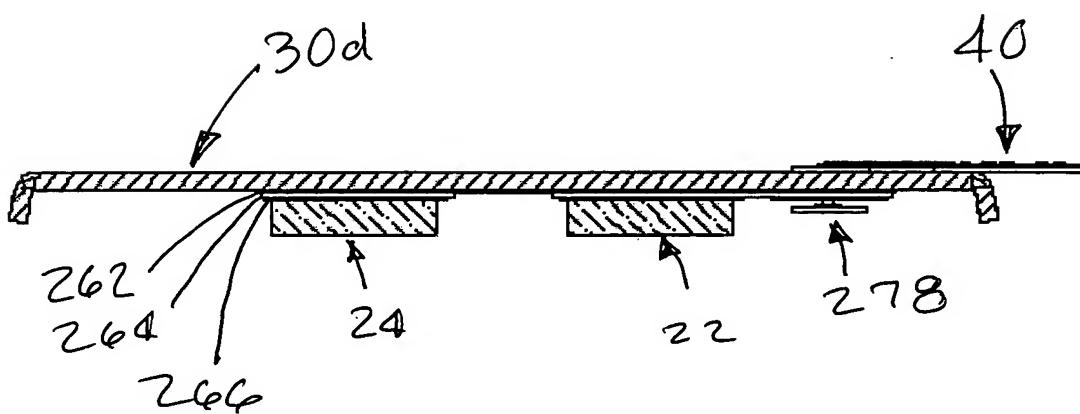


FIGURE 180

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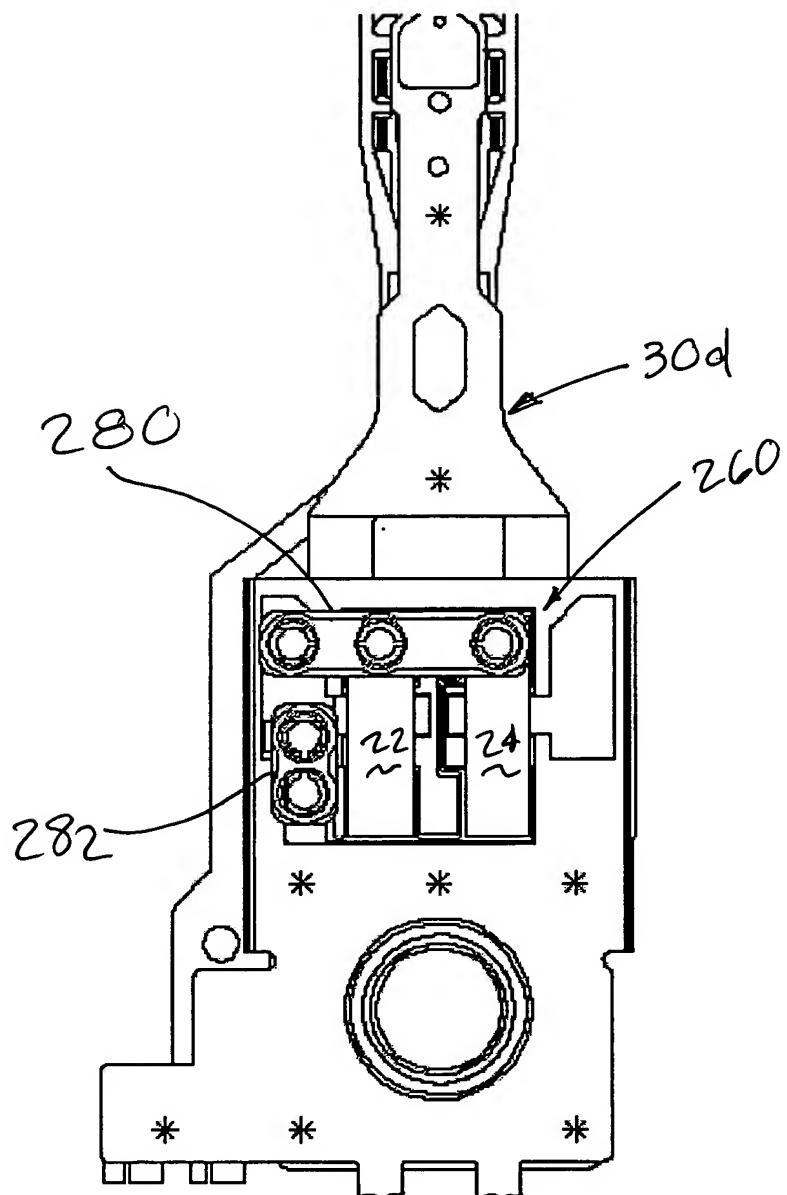


FIGURE 18p

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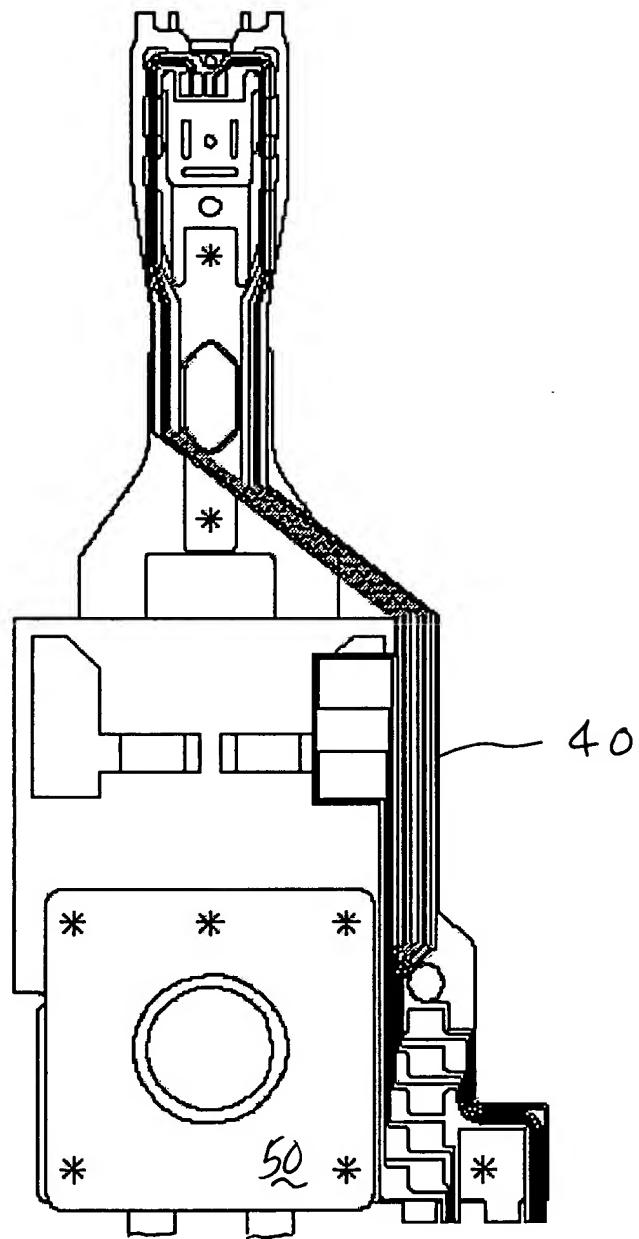


FIGURE 18q

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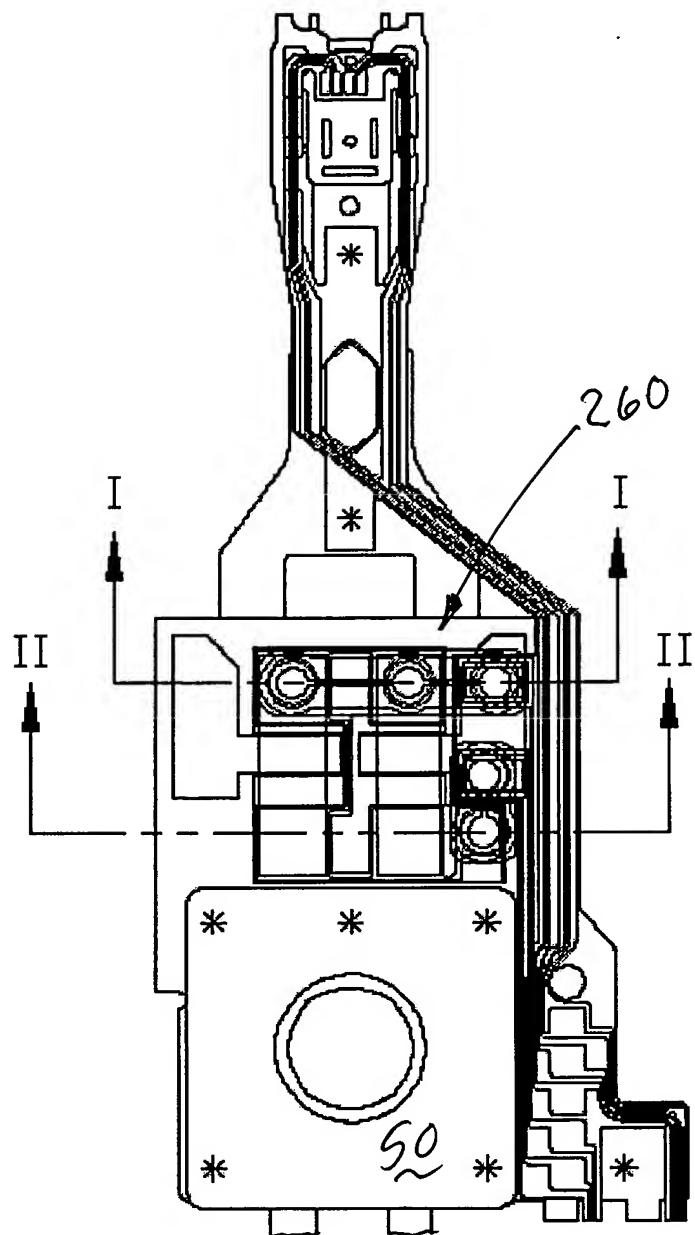
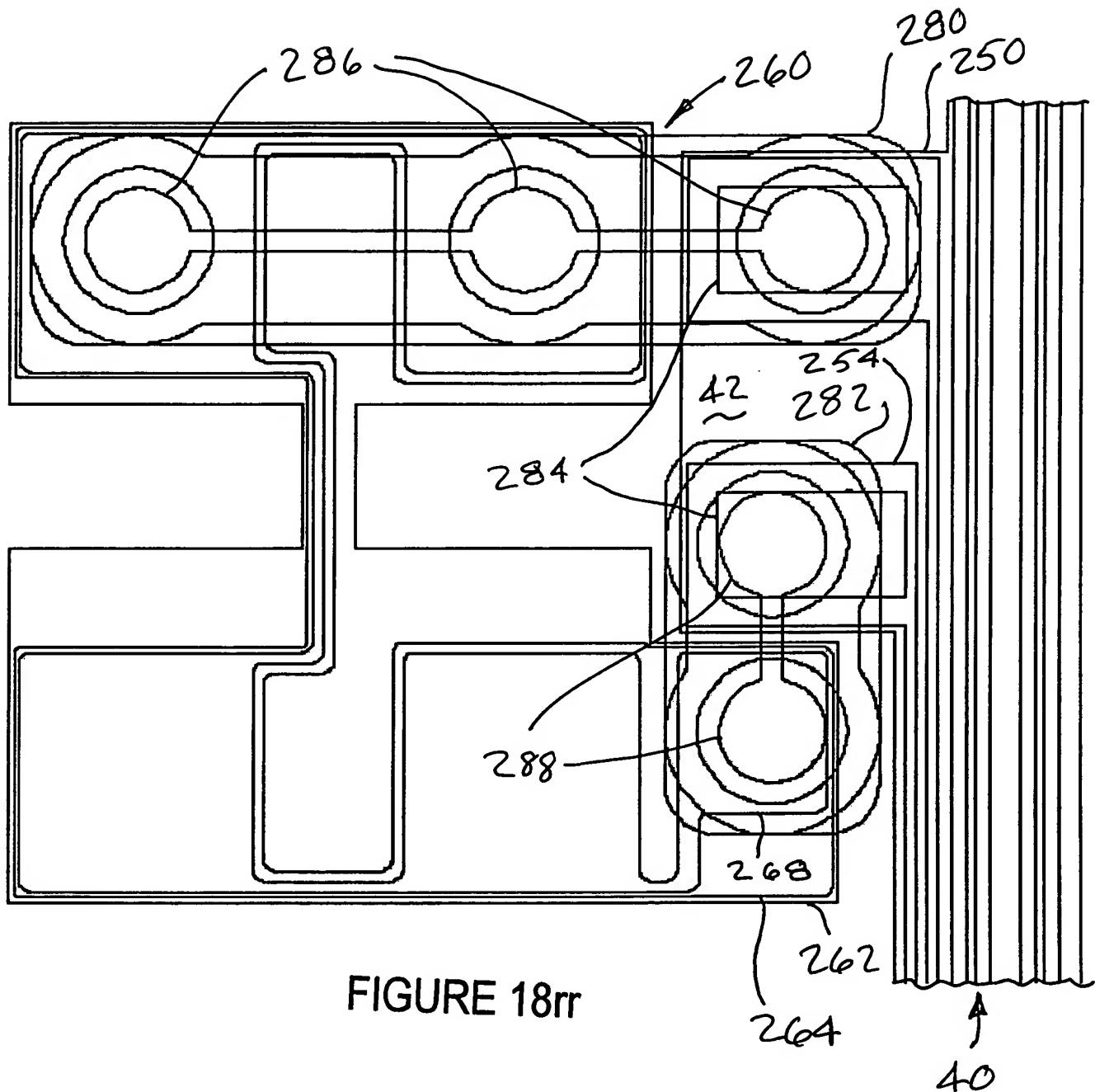
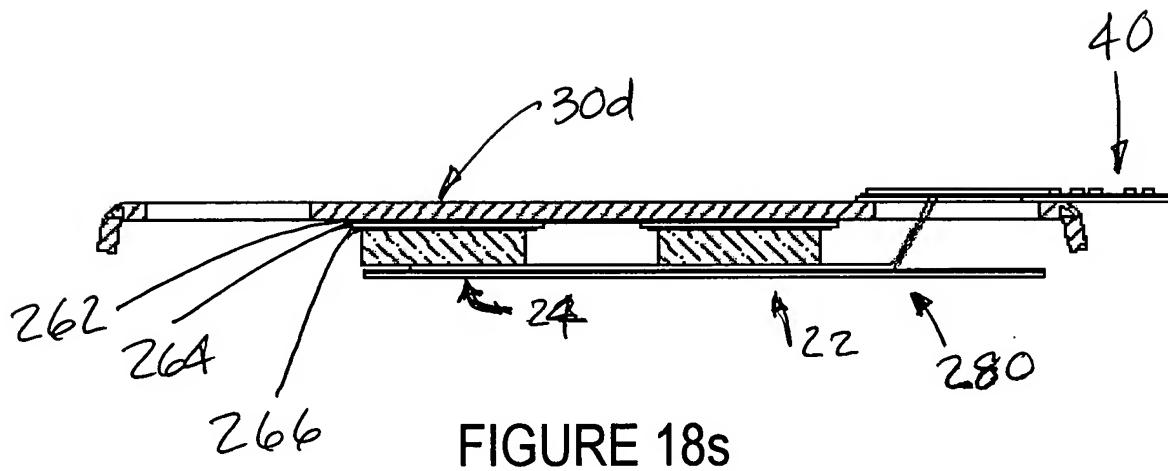


FIGURE 18r

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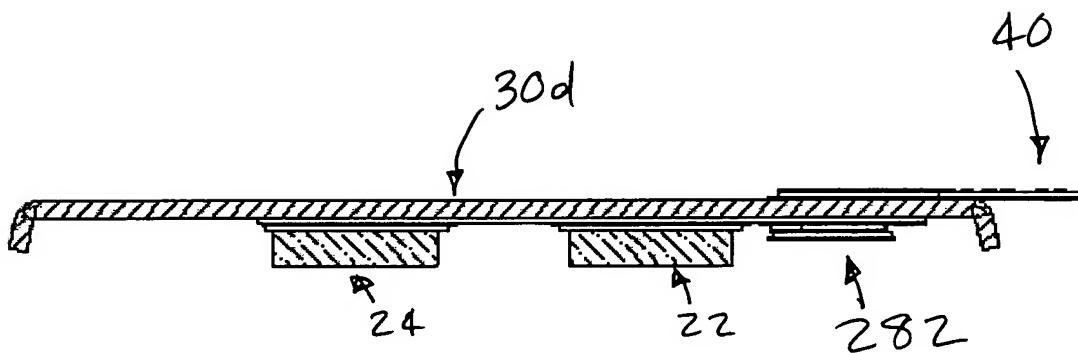


FIGURE 18t